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SCIENTIFIC PAPERS.

LIST OF PLANTS COLLECTED IN THE BAHAMAS, JAMAICA AND GRAND CAYMAN.

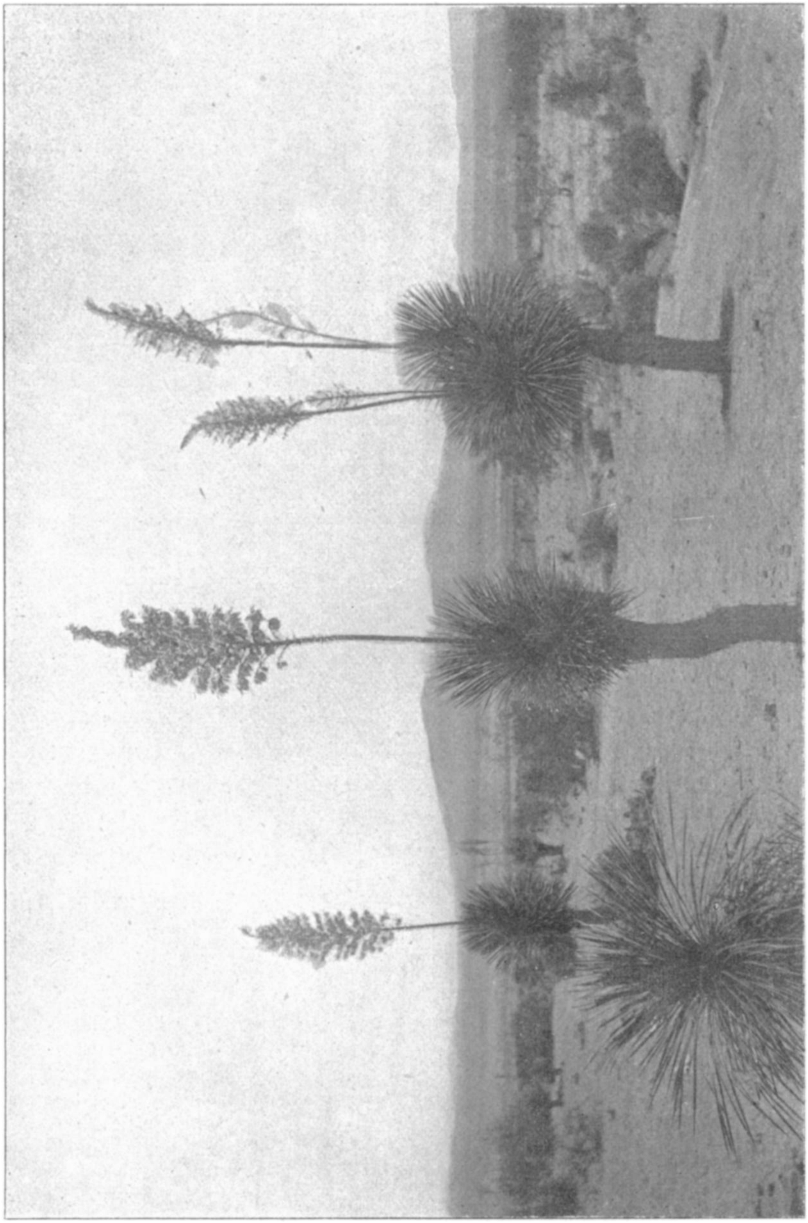
BY ALBERT S. HITCHCOCK.

PREFACE.

The collections upon which the list is based, were made during the winter of 1890–91, for the Missouri Botanical Garden, while the writer was one of a party of naturalists headed by Dr. J. T. Rothrock. Of the Bahamas, the following islands were visited; New Providence, Eleuthera, Cat, Watling's, Crooked, Fortune, Inagua. Several days were spent on each island except Watling's, where, owing to the surf, but one landing was made. In Jamaica four ports were visited, Kingston, Port Morant, Port Antonio and Lucea. From Kingston an excursion was made to Bog Walk, the specimens labeled thus being collected between there and Spanish Town. Another excursion was made to Blue Mountain Peak. Specimens labeled Blue Mts. were collected between Gordontown and Abbey Green; those labeled Blue Mt. Peak were collected between Abbey Green and the Peak. Constant Springs, a suburb of Kingston, was also visited. On the return voyage a stop of three days was made at the island of Grand Cayman.

The total number of the species determined is 953, to which are to be added the varieties and the cultivated plants.

A large number of doubtful specimens were compared at Cambridge, and I wish to thank the persons connected with the herbarium for their kindness in placing the facilities at my disposal. The herbaria at Columbia College and at the Department of Agriculture were also briefly consulted.



YUCCA ELATA.

About three-fourths of the ferns were determined by Mrs. Maud Wislizenus.

Following the catalogue is a tabulated list of the plants collected in the Bahamas, from which it will be seen that the Bahaman flora has come from the South and not from the United States.

Dr. Rothrock kindly placed his collection at my disposal, and a few species and localities, indicated by the letter (R), were thereby added. It has also been possible to include in the list a small collection made at Porus, Jamaica, by Mr. C. G. Lloyd, in January, 1892.

Since the introduction of the binomial system of nomenclature by Linnæus, the name of a plant has consisted of two parts, the first, or generic, to show its position in the classification of the vegetable kingdom, the second, or specific, to distinguish it from others of the same genus. One of the advantages of a system of nomenclature is the certainty with which a given plant can be indicated, and hence it becomes more useful as it is more uniform, and it is only by the concerted action of botanists that uniformity can be obtained. Two ways by which this can be accomplished are by following an authority, or set of authorities, or by establishing a system of botanical nomenclature. Probably the greatest difficulty with the first method is that one man can know sufficiently well to be called an authority, only a limited flora or a limited portion of the vegetable kingdom, and when his work is to be incorporated with that of others many difficulties arise. Or his successors may wish to establish names of their own. We see how the names of Walter and Michaux were discarded by Persoon, and how few of Rafinesque's names were adopted by his successors.

But it is now quite generally conceded that we must look to the second method for stability. The first step in this direction was the adoption of the law of priority. But from this point opinions diverge; some saying that we should commence to apply the law, at the date of Linnæus'

Species Plantarum, 1753, while others would allow no limit. The argument in favor of the former is that the second part of a pre-Linnæan binomial was not a specific name but a phrase accidentally consisting of but one word.

Again, opinions differ as to whether a name dates from the time the plant is placed in a given genus or from the original description. In the one case it is held that the name is the combination of the genus and species and must date from the time this combination is made. Thus when a species is transferred from one genus to another, the plant receives a new name, which may or may not have a connection with the previous name. The Botanical Congress modified this by saying that if a plant is transferred, the new specific name should be the same as the old. However, if an author does not do this, but gives a different specific name, his binomial would stand unless discarded on other grounds. The laws of this school require, therefore, that a given plant should bear the binomial first given to it under the accepted genus. This has seldom, possibly never during this century, been strictly adhered to by any botanist in an extended work. The oldest name may have been little used, or it may have seemed inappropriate; or a plant may have been long known in one genus, but on being transferred to another has been given a different specific name, and a subsequent author has restored the original. This has been the fate of many of Rafinesque's names in the hands of Dr. Gray and Mr. Bentham.

In the second case the original specific name is considered to be the essential feature in nomenclature. This should be retained through whatever changes in classification the plant may go. As in the previous case, this rule has never been strictly adhered to in any extended work. Many botanists have done so more or less closely and much discussion has taken place lately, particularly in this country, regarding the principles of this second or "reformed" method of nomenclature. I will enlarge somewhat on these principles as I understand them. Assuming undoubted identity and sufficient publication, priority would be decided by the date of the latter, or, in a given work, by lineal sequence, even on the same page. In transferring from one genus to another the plant retains its old specific name under the new genus. But if there be already a plant in this genus bearing the same name, the two cannot be distinguished. Logic would probably require the one having the oldest specific name to stand, but I believe this is not followed by any of the new school. Instead, the one already in the genus is given the advantage, the other taking a new name. Not only should the original specific name be used in all cases but if at any time this has not been done, the original name should be restored. This is the important difference between this system and the first. In the one case, if a new specific name is given, it must be used; in the other case a new specific name is discarded and the old one restored. It logically follows that the identity of the generic and specific names is no reason for discarding the latter. This gives rise to such binomials as *Catalpa Catalpa* and *Ananas Ananas*. It will also give us such names as *Coix Lachryma Jobi*, L. and *Chrysocoma Coma aurea*, L., and possibly *Melilotus Melilotus officinalis*.

For the same reason, if two species with the same specific name occur in a genus, and subsequently the plant whose name was necessarily changed, is transferred to another genus, the original name should be restored. For example: *Celtis Lima*, Sw. (Fl. Ind. Occ. i) and *C. Lima*, Lam. (Dict. iv) are different species. The latter was consequently changed to *C. Lamarckiana*, R. & S. (Syst. vi). But when taken out of the genus *Celtis* the original name *Lima* should be restored.

If two species are united or one is made the variety of another, the older name persists. This is quite inconvenient when the older is a local or abnormal form. If a species is divided, the original name persists for one of the parts, the older if that can be determined.

If an original description clearly refers to a different plant from one which the author has named in an herbarium, the name would apply to the plant described.

In regard to priority of genera there is as much difference of opinion as in the case of species, some allowing no limit but taking up names of the old herbalists, while others think that for convenience an arbitrary starting point should be chosen, such as Tournefort's Institutiones Rei Herbariæ in 1700, or the first edition of Linnæus' Genera in 1737 or the sixth edition in 1764.

One of the questions which causes serious practical difficulties is what constitutes sufficient publication. With species it is generally held that what will identify the plant will establish the name, as a description, a reference to a published plate, or a synonym; and this is published when issued in printed form and publicly distributed. Hence herbarium or manuscript names are not thus published. In the case of printed descriptions privately distributed or sets of exsiccatæ placed on sale, it is an open question whether this constitutes publication. If an edition of one thousand copies of a work containing original descriptions of plants, should be accidentally destroyed, except one copy, the new names would probably be considered as published.

With genera it is more difficult to draw the line between sufficient and insufficient description. Is it necessary to give at least the important characters which are common to the species of a genus? Or is it only necessary to indicate what species form a genus? A few examples will illustrate some of the doubtful points. In Linnæus' Species Plantarum, a generic name without description heads a list of described species. In Patrick Browne's History of Jamaica we find, for example, "Sciodaphyllum 1. Foliis majoribus oblongis petiolis communibus umbellatim affixis, floribus spicatis. Tab. 19, fig. 1, 2." Following this is a description in Latin of the parts of the flower and then a description of the tree in English. This genus is accepted by Bentham and Hooker (Gen. Pl. i, p. 940), and is cited "Sciadophyllum P. Br. Jam., p. 190, t. 19."

In the Journal de Botanique, ii, 1809, p. 166, is an article entitled "Prospectus de M. Rafinesque Schmaltz, relatif à deux ouvrages sur la Botanique du Nord de l' Amérique; traduit du Medical Repository de New Yorck, vol. 5, p. 350 [1808], par M. N. A. Desvaux."

Rafinesque here proposes several new genera, to be formed by separating species from old genera. At the head of the list is "1. Adlumia *cirrhosa;* qui est la Fumaria *fungosa* d'Aiton, ou S. *erecta* [F. recta] de Michaux." De Candolle (Syst. ii, p. 111, 1821) takes up the name "Adlumia, Raf. in Desv. journ. bot., 1809, 2, p. 169," giving a description; and succeeding authors quite generally use Adlumia, Raf. On page 171 of the above mentioned article appears "21. Achroanthes *unifolia;* Malaxis *unifolia* Mich."

In 1818 Nuttall (Gen. ii, p. 196), proposes the genus Microstylis, giving the characters on which the separation from Malaxis would be made, but the actual separation was made by Eaton (Man. Ed. 3, 1822).

Did Rafinesque establish the genus *Achroanthes,* and therefore does it have priority over *Microstylis?* If not should not the first example be quoted *Adlumia,* Raf. in DC. Syst.? Prof. Greene (Pittonia, Sept. 1891) considers the evidence sufficient for the restoration of *Achroanthes,* and renames the North American species. In this connection it is a curious fact that most authors from Lindley (Orch. 1833) to Hemsley (Biol. Cent. Am. iii, 1883) and Greene (l. c.) quote *Malaxis umbellulata,* Sw. Prod., though Swartz's specific name is *umbelliflora.*

Some of Linnæus' genera were published for the first time in the Species Plantarum, and it is perfectly clear what his genus is in most cases. Browne's genera appearing in a local flora are less clearly defined. At all events genera so established will doubtless be accepted if they have subsequently been taken up and sufficiently characterized before another name was given them. The critical point is whether one is justified in restoring a genus established as in the above examples, and discarding a later well known name. *Ichthyomethia*, P. Br. is accepted by Sargent (Gard. & For. Oct. 7, 1891) and Britten (Jour. Bot. xxix, No. 347, p. 352).

It would seem that the original generic or sectional name should be as permanent as the original specific or varietal name. In 1825 (Prod. ii; Mem. Leg. vi) De Candolle described under the genus *Clitoria* the section *Centrosema*. In 1826 Desvaux (Ann. Sci. Nat. ix) described a genus which corresponded to this section, giving the name *Cruminium*. Subsequently the section *Centrosema* was raised to a genus (Benth. Ann. Mus. Wien. ii, 1838). The logical application of the law of priority as marked out in the case of species would require that *Centrosema* should be used instead of *Cruminium* as is done by Dr. Britton (Bull. Torr. Club, Oct. 1891).

It is probably the general opinion that though the name of a genus of plants may be the same as that of a genus of animals, a generic name among phanerogams should not be identical with one among cryptogams. In this case *Setaria*, Ach. may have priority over *Setaria*, P. Beauv. (conf. note in catalogue). It is also thought by some that a name identical with an earlier one which has passed into synonymy should be discarded. This seems unnecessary so long as the earlier name is a synonym, yet the rule is a good one and may be adopted.

As to the method of quoting authorities of binomials, there seems to be no settled opinion among the new school botanists. Some would quote only the author of the original specific name, some only the author of the accepted combination, while others would quote both, in which latter case the author of the specific name is placed in parenthesis. Thus when *Malva rosea*, DC. Prod. i, is transferred to *Mal-*

vastrum by Hemsley (Biol. Cent. Am. i, p. 99), we have *M. roseum*, (DC.), *M. roseum*, Hemsl., or *M. roseum*, (DC.) Hemsl. It appears in the above work, *Malvastrum* (*Malva*) *roseum*, (DC.).

The matter of quoting is of secondary importance. In a critical work the synonymy with date and place of publication is given and one can see at a glance the history of a species. In lists or casual references to plants it is not necessary to cite the author except to distinguish between two species having the same name, in which case the author of the combination is certainly more distinctive. But if the question of credit to the author is considered important, both should be cited. Yet in case the name is preoccupied the former author does not receive his due credit, while if an older name in another genus is restored, the author of such a combination gets more credit than is his due.

In the appended catalogue I have used the double citation system, as it is in use among mycologists and also brings out more points of the new system. The "new" or "reformed" system has been frequently referred to; in practice it is not new but has only recently been brought forward among phenogamic botanists as a *system* of nomenclature.

If an author describes a species in one genus and afterwards transfers it to another, double citation would require that his name appear both in the parenthesis and outside, as it is an accident that the two are the same; also if a section or other division of a genus is raised to generic rank, the author of the former should be written in parenthesis, as *Centrosema*, (DC.) Benth.

The older authors are not always to be depended upon in their references. For example, "Linn. Spec. Pl." frequently refers to the second edition. The second edition of the Species is often cited for names which first appeared in the tenth edition of the Systema Vegetabilium, 1759. Swartz's Fl. Ind. Occ. is sometimes cited for names which appeared several years earlier in his Prodromus, 1788.

Authors are not infrequently cited for varietal names for which they are not responsible; for example, in DC. Prod. iv, p. 541, we find "*Spermacoce verticillata*, var. *Americana*, L. Spec." and "var. *Africana*, L. Spec." Linnæus merely says under *S. verticillata*, "Habitat Jamaica, Africa." (I will remark here that it is much easier to find errors in another's work than it is to exclude them from one's own.)

Another doubtful point is illustrated by *Echinopepon cirrhopedunculatus*, Rose, Contr. Nat. Herb. Vol. i, No. 4. In a foot-note the remark is made that some authors would name the plant *Echinocystis cirrhopedunculata*, others *Micrampeles cirrhopedunculata*. In case these latter combinations are used should Rose be cited as their author? Probably not, as the author of a combination thus records his opinion as to the name the plant should bear.

It would be convenient if, as some have suggested, the names of well marked varieties were always different from all species of the genus. In a critical work their proper relation to the species would be shown, but in ordinary references they could be counted as species. This saves time and is just as definite.

In citing authors for species which have been separated from others, it would certainly be more indicative to connect with both the name of the author who made the separation. A reference to *Epilobium coloratum*, Muhl. may mean *E. adenocaulon*, Hauskn., but a reference to *E. coloratum*, Hauskn. would leave no doubt. This, however, is not in accordance with the new system.

In case the spelling of a generic or specific name has been changed, should the author of the correction be cited? He certainly is not the author of the genus or species, only the author of the correction, yet it would hardly do to cite an author for a spelling which he did not use. In this catalogue I have used the original spelling so far as that could be ascertained, except in cases of clearly typographical errors.

In the following catalogue, the starting point for genera and species has been taken at the first edition of Linnæus' Species Plantarum, 1753.* In very many cases the earliest name can be decided upon only by a monographer who examines the original specimens.

Cultivated species are included only when specimens were obtained, and are placed in lower case type. All the species in small capitals were found indigenous or naturalized.

In the names, sequence and limitation of orders, Bentham and Hooker's Genera Plantarum has been followed, except that *Coniferae* have been placed after *Gramineae*. This work has also been followed for the sequence, and, in most cases, the limitation of genera. The species are arranged alphabetically under the genera. The ferns are arranged according to Hooker and Baker's Synopsis Filicum.

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* It was intended to take as the initial point for genera, Linnæus' Genera Plantarum, Ed. I, 1737; and to admit specific names identical with the generic. But owing to delays the paper did not go to press till after certain principles of nomenclature were adopted by the Botanical Club of the A. A. A. S. It was thus possible to make the nomenclature conform to these rules. Unfortunately the corrections were necessarily made in the absence of much of the literature.

CATALOGUE OF PLANTS.

RANUNCULACEÆ.

Clematis, L. Gen. 1737; Rupp. Fl. Jen. 1718.

C. DIOICA, L. Syst. x. 1759.
Bog Walk.

C. FLAMMULASTRUM, Griseb. Pl. Wr. i. 1860.
Eleuthera.

Ranunculus, L. Gen. 1737; Tourn. Inst. 1700.

R. CUBENSIS, Griseb. Cat. Pl. Cub. 1866.
Blue Mt. Peak.

The petals are only about 2 mm. long; the fruit is that of Wr. Pl. Cub. 1838 (*R. Cubensis*) but the radical leaves are 3-divided with the terminal leaflet stalked. This may be *R. repens*, var. *tropicus* of Griseb. Fl. B. W. I. but does not seem to be *R. præmorsus*, HBK. (Mandon, Pl. And. Bol. 876, 877, Spruce, And. Ecuad. 5586) nor *R. Bonplandianus*, HBK. (Spruce, And. Ecuad. 5125), both of which are quoted as synonyms of var. *tropicus* by Grisebach.

ANONACEÆ.

Anona, L. Gen. 1737.

A. MURICATA, L. Spec. 1753.
Port Morant; Lucea.

A. PALUSTRIS, L. Spec. Ed. 2, 1762.
Kingston.

A. RETICULATA, L. Spec. 1753.
Lucea.

A. Cherimolia, Mill. Dict. 1768, Cult. Blue Mts.

MENISPERMACEÆ.

Cissampelos, L. Gen. 1737.

C. PAREIRA, L. Spec. 1753.
Constant Springs; Porus; Port Morant; Lucea.

NYMPHÆACEÆ.

Castalia, Salisb. Ann. Bot. ii. 1805.

C. AMPLA, Salisb. l. c. *Nymphæa*, DC. Syst. ii. 1821.
Grand Cayman.

PAPAVERACEÆ.

Argemone, L. Gen. 1737; Tourn. Inst. 1700.

A. MEXICANA, L. Spec. 1753.
Nassau; Eleuthera; Fortune Is.; Inagua; Grand Cayman.

Bocconia, L. Gen. 1737; Plum. Gen. 1703.

B. FRUTESCENS, L. Spec. 1753.
Blue Mt. Peak.

CRUCIFERÆ.

Brassica, L. Gen. 1737; Tourn. Inst. 1700.

B. JUNCEA, (L.). *Sinapis juncea*, L. Spec. 1753. *S. brassicata*, L. Syst. Nat. Ed. 14, 1767; *S. integrifolia*, Willd. Hort. Berol. 1816.
Lucea.

Lepidium, L. Gen. 1737; Tourn. Inst. 1700.

L. VIRGINICUM, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Inagua; Porus; Blue Mts. (R).

CAPPARIDACEÆ.

Cleome, L. Gen. 1737.

C. PUNGENS, Willd. Hort. Berol. 1816. *C. pungens*, var. *Swartziana*, Griseb. Fl. B. W. I. 1864.
Kingston; Port Antonio; Lucea.

The Jamaica specimens all have glandular ovary and pod, which corresponds to Willdenow's description of "Siliqua . . . . piloso-viscosa." Hence the smooth form (C. heptaphylla, Sw. presumably, though Swartz does not say the pods are smooth), should be made a variety of *C. pungens* and would therefore be *C. pungens*, var. *heptaphylla*, (Sw.) = *C. heptaphylla*, Sw. Obs. 1791 (not L. Spec. Ed. 2, 1763).

C. POLYGAMA, L. Spec. Ed. 2, 1763.
Port Antonio.

Polanisia, Rafin. Jour. Phys. lxxxix. 1819.

Jacksonia, Rafin. Med. Repos. 1808, was established in the same manner as *Achroanthes* (see Introduction).

P. ICOSANDRA, (L.) Wight & Arn. Prod. Pl. Ind. 1834. *Cleome*, L. Spec. 1753. *C. viscosa*, L. l. c., following *C. icosandra.*

Kingston; Constant Springs.

For note on nomenclature, see W. & A. l. c. p. 22.

Gynandropsis, DC. Prod. i. 1824.

G. PENTAPHYLLA, (L.) DC. Prod. i. 1824. *Cleome*, L. Spec. Ed. 2, 1763.

Nassau; Eleuthera.

VIOLARIEÆ.

Sauvagesia, L. Spec. 1753.

S. ERECTA, L. Spec. 1753.

Port Antonio.

CANELLACEÆ.

Canella, P. Br. Hist. Jam. 1756. *Winterania*, L. Hort. Cliff. 1737.

C. WINTERANA, (L.) Gærtn. Fr. i. 1788. *Laurus Winterana*, L. Spec. 1753. *Winterana Canella*, L. Syst. x. 1759. *Winterania Canella*, L. Spec. Ed. 2, 1762. *Canella alba*, Murr. Syst. Ed. 14, 1784 ("Dal. Pharm. 1693").

Grand Cayman.

BIXINEÆ.

Bixa Orellana, L. Spec. 1753, Cult. Bog Walk; Porus; Port Antonio.

Thamnia, P. Br. Hist. Jam. 1756. *Lœtia*, "Lœfl. It." 1758; L. Syst. x. 1759.

T. SWARTZII. *Lœtia Thamnia*, Sw. Prod. 1788.

Lucea.

Myroxylon, Forst. Char. Gen. 1776, not L. f. Suppl. 1781. *Xylosma*, Forst. Prod. 1786.

Myroxylon is adopted by Poiret in Dict. Nat. Sc. vol. xxxi. p. 465.

M. BUXIFOLIUM, (Gray) Kr. & Urb. in Engler, Jahrb. xv. 1892. *Xylosma buxifolium*, Gray in Griseb. Pl. Wr. i. 1860.

Var. PAUCIFLORUM, (Wr.). *X. buxifolium*, var. *pauciflorum*, Wr. in Griseb. l. c.

Nassau.

POLYGALEÆ.

Polygala, L. Hort. Cliff. 1737; Tourn. Inst. 1700.

P. PANICULATA, L. Syst. x. 1759.

Bog Walk; Port Antonio.

CARYOPHYLLEÆ.

Silene, L. Gen. 1737.

S. ARMERIA, L. Spec. 1753.

Blue Mt. Peak.

Cerastium, L. Gen. 1737.

C. VISCOSUM, L. Spec. 1753.

Blue Mt. Peak.

Alsine, L. Gen. 1737. *Stellularia*, L. Syst. Nat. Ed. 6, 1748.

A. MEDIA, L. Spec. 1753. *Stellaria*, Vill. Delph. in Gilb. Syst. Pl. i. 1785.

Blue Mt. Peak.

Dr. Britton called my attention to the fact that *Alsine* had been neglected.

Arenaria, L. Gen. 1737.

A. LANUGINOSA, (Michx.) Rohrb. in Mart. Fl. Bras. *Spergulastrum*, Michx. Fl. 1803. *A. diffusa*, Ell. Sk. i. 1821.

Blue Mt. Peak.

Drymaria, Willd. in Roem. & Sch. Syst. v. 1819.

D. CORDATA, Willd. l. c.

Blue Mt. Peak; Porus; Port Antonio.

PORTULACACEÆ.

Portulaca, L. Gen. 1737; Tourn. Inst. 1700.

P. OLERACEA, L. Spec. 1753.

Eleuthera; Lucea; Grand Cayman.

Var. PARVIFLORA, (Haw.) Griseb. Fl. B. W. I. 1864. *Portulaca parviflora*, Haw. Synops. 1812.

Nassau; Eleuthera; Inagua.

P. PILOSA, L. Spec. 1753.

Eleuthera; Watling's; Fortune Is.; Inagua; Kingston.

Talinum, Adans. Fam. 1763.

T. PANICULATUM, (Jacq.) Gærtn. Fr. ii. 1791. *Portulaca*, Jacq. Pl. Carib. 1760. *T. patens*, Willd. Spec. 1799. *Portulaca patens*, L. Mant. ii. 1772.

Blue Mts.

T. TRIANGULARE, (Jacq.) Willd. Spec. ii. 1799. *Portulaca*, Jacq. Pl. Carib. 1760. *P. racemosa*, L. Spec. Ed. 2, 1762.

Kingston.

HYPERICACEÆ.

Ascyrum, L. Gen. 1737; Tourn. Inst. 1700.

A. HYPERICOIDES, L. Spec. 1753.

Blue Mt. Peak.

GUTTIFERÆ.

Clusia, L. Gen. 1737.

C. FLAVA, Jacq. Pl. Carib. 1760.

Grand Cayman.

MALVACEÆ.

Malvastrum, (DC.) Gray, Pl. Fendl. 1849. *Malva*, Sect., DC. Prod. i. 1824.

M. AMERICANUM, (L.) Torr. Mex. Bound. 1859. *Malva*, L. Spec. 1753. *Malvastrum tricuspidatum*, Gray, Pl. Wr. i. 1852.

Nassau; Kingston; Porus.

Carpels not tricuspidate, Inagua; Grand Cayman.

M. SPICATUM, (L.) Griseb. Veg. Carib. 1857. *Malva*, L. Syst. x. 1759.

Kingston; Constant Springs; Blue Mts.; Lucea.

Sida, L. Gen. 1737.

S. ACUMINATA, DC. Prod. i. 1824.
Eleuthera; Cat Is.; Fortune Is.

S. CARPINIFOLIA, L. f. Suppl. 1781.
Nassau; Eleuthera (R.); Inagua; Constant Springs; Bog Walk; Porus; Port Morant; Grand Cayman.

S. CILIARIS, L. Syst. x. 1759.
Fortune Is.; Inagua.

S. CORDIFOLIA, L. Spec. 1753.
Var. ALTHÆIFOLIA, (Sw.) Griseb. Fl. B. W. I. 1864.
Sida, Sw. Prod. 1788.
Kingston.

Calyx hispid; carpels 5 or 6 and shortly bidentate.

S. GLOMERATA, Cav. Diss. i. 1785.
Fortune Is.

S. NERVOSA, DC. Prod. i. 1824.
Kingston.

S. PYRAMIDATA, Cav. Diss. i. 1785.
Porus.

S. RHOMBIFOLIA, L. Spec. 1753, var. RETUSA, (L.) Griseb. Fl. B. W. I. 1864. *Sida*, L. Spec. Ed. 2, 1763.
Port Morant; Porus.

S. SPINOSA, L. Spec. 1753.
Kingston; Porus; Port Morant.
Var. ANGUSTIFOLIA, (Lam.) Griseb. Fl. B. W. I. 1864.
Sida, Lam. Dict. 1783.
Eleuthera; Inagua; Kingston.

S. ULMIFOLIA, Cav. Diss. 1785.
Constant Springs; Bog Walk; Lucea.

S. URENS, L. Syst. x. 1759.
Eleuthera; Bog Walk; Blue Mts.; Port Antonio; Lucea; Porus.

Bastardia, HBK. Nov. Gen. v. 1821.

B. VISCOSA, (L.) HBK. l. c. *Sida*, L. Syst. x. 1759.
Nassau; Kingston.

Wissadula, "Medic. Malv. 1787."

W. DIVERGENS, (Benth.). *Sida divergens,* Benth.
Kingston; Grand Cayman.

W. PERIPLOCIFOLIA, (L.) Griseb. Cat. Pl. Cuba, 1866. *Sida,* L. Spec. 1753.
Kingston; Porus; Constant Springs.

Abutilon, Adans. Fam. 1763; Tourn. Inst. 1700.

A. CRISPUM, (L.) Don, Gen. Syst. i. 1831. *Sida,* L. Spec. 1753.
Eleuthera; Grand Cayman.

A. PERMOLLE, (Willd.) Don, l. c. *Sida,* Willd. Enum. 1809.
Nassau; Eleuthera; Inagua; Grand Cayman.

Malachra, L. Mant. i. 1767.

M. CAPITATA, (L.) L. Syst. Nat. Ed. 12, 1767. *Sida,* L. Spec. 1753.
Lucea; Grand Cayman.
Var. ALCEIFOLIA, (Jacq.) Griseb. Fl. B. W. I. 1864. *Malachra,* Jacq. Ic. Rar. iii. 1786-93.
Lucea.

M. URENS, Poit. in Schrad. N. Jour. ii. 1807.
Port Morant.

Urena, L. Gen. 1737; Dill. Hort. Elth. 1732.

U. LOBATA, L., var. AMERICANA, (L. f.) Griseb. Fl. B. W. I. 1864. *Urena,* L. f. Suppl. 1781.
Blue Mt. Peak; Lucea; Porus.

U. SINUATA, L. Spec. 1753.
Bog Walk; Grand Cayman.

Pavonia, Cav. Diss. ii. 1786.

P. BAHAMENSIS, n. sp. (Plate, 1.)
Fortune Is.

A shrub with reddish, glabrous branches; leaves ovate, cordate, apex obtuse, 5 to 7 nerved, margin entire or slightly sinuate, both surfaces and petiole very sparsely and minutely stellate pubescent, 3 to 4 cm. long, 2½ to 3 cm. broad; petiole 1½ to 2 cm. long; flowers axillary, peduncles exceeding the leaves, 3 to 5 cm. long; bractlets about 7, linear, obtuse, about the length of the calyx, united at base; carpels 5, glabrous, separating from the axis, dehiscent at apex, 2-winged above, dorsal suture prominent, wings rounded at apex, no teeth or awns.

Near *P. spicata,* Cav., but differs in being nearly glabrous, the smaller and obtuse leaves, axillary inflorescence and having the carpels rounded at the apex.

P. SPICATA, Cav. Diss. iii. 1787. *P. racemosa,* Sw. Fl. Ind. Occ. ii. 1800. *Althœa racemosa,* Sw. Prod. 1788.
Port Antonio.

P. SPINIFEX, (L.) Cav. Diss. iii. 1787. *Hibiscus,* L. Syst. x. 1759. Porus.

P. TYPHALEA, (L.) Cav. Diss. ii. 1786. *Urena,* L. Mant. ii. 1771.
Blue Mts.; Bog Walk; Porus; Port Morant; Port Antonio.

Malvaviscus, Adans. Fam. 1763; Dill. Hort. Elth. 1732.

M. ARBOREUS, Cav. Diss. iii. 1787. *Hibiscus Malvaviscus,* L. Spec. 1753.
Port Antonio; Grand Cayman.

Var. PILOSUS, (Macf.). *Malvaviscus pilosus,* Macf. Fl. Jam. 1837.
Blue Mt. Peak.

Hibiscus, L. Gen. 1737.

H. ESCULENTUS, L. Spec. 1753.
Cat Is.; Lucea.

H. TILIACEUS, L. Spec. 1753.
Port Antonio.

H. VITIFOLIUS, L. Spec. 1753.
Kingston.

H. Rosa-Sinensis, L. Spec. 1753, Port Antonio, and *H. Sabdariffa,* L. (l. c.), Lucea, cultivated and apparently escaped.

Thespesia, "Soland." in Correa, Ann. Mus. ix. 1807.

T. POPULNEA, (L.) Corr. l. c. 1807. *Hibiscus,* L. Spec. 1753.
Nassau; Kingston; Grand Cayman.

Gossypium, L. Gen. 1737.

G. BARBADENSE, L. Spec. 1753.
Eleuthera; Fortune Is.; Port Antonio; Lucea; Grand Cayman.

A shrub as much as 8 feet high.

Xylon, L. Gen. 1737. *Ceiba*, Gærtn. Fr. 1781. *Eriodendron*, DC. Prod. i. 1824.

X. PENTANDRUM, (L.) OK. Rev. Gen. 1891. *Bombax pentandrum*, L. Spec. 1753. *Eriodendron anfractuosum*, DC. Prod. i. 1824.
Bog Walk.

Ochroma, Sw. Prod. 1788.

O. LAGOPUS, Sw. Prod. 1788.
Port Morant.

STERCULIACEÆ.

Helecteres, L. Gen. 1737.

H. JAMAICENSIS, Jacq. Pl. Carib. 1760.
Nassau; Eleuthera; Inagua; Grand Cayman.

H. SEMITRILOBA, Bert. in DC. Prod. i. 1824.
Inagua.

Melochia, L. Gen. 1737; Dill. Hort. Elth. 1732.

M. LUPULINA, Sw. Prod. 1788.
Port Morant.

M. NODIFLORA, Sw. Prod. 1788.
Nassau; Kingston (R.); Constant Springs; Bog Walk; Port Morant; Porus; Grand Cayman.

M. PYRAMIDATA, L. Spec. 1753.
Lucea.

M. TOMENTOSA, L. Syst. x. 1759.
Nassau; Eleuthera; Cat Is.

Var. CRENATA, (Vahl) Griseb. Fl. B. W. I. 1864.
Melochia, Vahl, Symb. iii. 1798.
Inagua.

Waltheria, L. Gen. 1737.

W. AMERICANA, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Fortune Is.; Constant Springs; Lucea; Grand Cayman.

Theobroma Cacao, L. Spec. 1753. Port Morant, Cult.

Guazuma, Adans. Fam. 1763; Plum. Gen. 1703.

G. TOMENTOSA, HBK. Nov. Gen. v. 1821.
Constant Springs; Port Morant; Port Antonio; Lucea; Porus; Grand Cayman.

Ayenia, L. Syst. x. 1759.

A. PUSILLA, L. l. c.
Cat Is.

TILIACEÆ.

Triumfetta, L. Gen. 1737.

T. ALTHÆOIDES, Lam. Dict. iii. 1789.
Nassau; Eleuthera; Cat Is.; Lucea.

This species seems doubtfully distinct from *T. semitriloba.* I have placed under this species those forms having a denser and more velvety pubescence and the serrations of the leaves irregular, the longer teeth oblong, blunt and tending to be glandular tipped. I can see no constant difference in the fruit. *T. semitriloba* is described as having the prickles of the fruit glabrous, but in all the specimens examined the prickles are supplied with retrorse hairs (Smith, Guatam. 2023; Curtiss, Fla. 404, Garber, Fla.; Cuba, Wr. 43; Sintenis, Porto R. 17; Eggers, St. Thomas, 198).

T. LAPPULA, L. Spec. 1753.
Constant Springs; Port Morant; Grand Cayman.

T. SEMITRILOBA, Jacq. Pl. Carib. 1760.
Port Morant; Port Antonio; Porus; Lucea; Grand Cayman.

Corchorus, L. Gen. 1737; Tourn. Inst. 1700.

C. HIRSUTUS, L. Spec. 1753.
Eleuthera; Cat Is.; Watling's; Crooked Is.; Inagua.

C. SILIQUOSUS, L. Spec. 1753.
Nassau; Eleuthera; Kingston; Blue Mts. (R.); Bog Walk; Porus; Port Morant; Port Antonio; Grand Cayman.

LINEÆ.

Erythroxylum, P. Br. Hist. Jam. 1756.

E. BREVIPES, DC. Prod. i. 1824.
Fortune Is.

MALPIGHIACEÆ.

Malpighia, L. Gen. 1737; Plum. Gen. 1703.

M. ANGUSTIFOLIA, L. Spec. Ed. 2, 1762.
Grand Cayman.

M. GLABRA, L. Spec. 1753.
Port Morant; Lucea.

M. PUNICIFOLIA, L. Spec. Ed. 2, 1762.
Watling's.

M. SETOSA, Bert. in Spreng. N. Entd. iii. 1822.
Cat Is.

Bunchosia, Rich. and Juss. Ann. Mus. xviii. 1811.

B. MEDIA, (Jacq.) Rich. in Ann. Mus. l. c. *Malpighia*, Jacq. Pl. Carib. 1760.
Lucea.

Heteropteris, HBK. Nov. Gen. v. 1821.

H. LAURIFOLIA, (L.) Juss. Syn. Malpig. 1840 (Ann. Sc. Nat.). *Banisteria*, L. Spec. Ed. 2, 1762.
Constant Springs; Blue Mts.; Port Antonio.

Stigmaphyllon, A. Juss. in St. Hil. Fl. Bras. iii. 1833.

S. EMARGINATUM, (Cav.) Juss. Syn. Malp. 1840. *Banisteria*, Cav. Diss. ix. 1790.
Lucea.

Triopteris, L. Gen. 1737.

T. JAMAICENSIS, L. Spec. 1753.
Eleuthera; Cat Is.

ZYGOPHYLLEÆ.

Tribulus, L. Gen. 1737; Tourn. Inst. 1700.

T. CISTOIDES, L. Spec. 1753.
Fortune Is.; Kingston.

T. MAXIMUS, L. Spec. 1753.
Fortune Is.; Lucea.

Guaiacum, L. Gen. 1737; Plum. Gen. 1703.

G. OFFICINALE, L. Spec. 1753.
Kingston.

G. SANCTUM, L. Spec. 1753.
Fortune Is.; Crooked Is.

GERANIACEÆ.

Geranium, L. Gen. 1737; Tourn. Inst. 1700.

G. CAROLINIANUM, L. Spec. 1753 (fide Trelease).
Blue Mt. Peak.

Oxalis, L. Gen. 1737.

O. CORNICULATA, L. Spec. 1753 (fide Trelease).
Bog Walk; Nassau (repent var.).

O. MARTIANA, Zucc. Mon. 1825 (fide Trelease).
Kingston; Bog Walk.

RUTACEÆ.

Zanthoxylum, L. Hort. Cliff. 1737.

Z. CARIBÆUM, Lam. Dict. ii. 1786 (Cf. Ann. Sc. Nat. v. 14, p. 319).
Lucea.

Z. EMARGINATUM, (Sw.) Sw. Fl. Ind. Occ. i. 1797. *Fagara*, Sw. Prod. 1788. *Tobinia*, Desv.
Cat Is.; Inagua.

The Inagua specimens are very prickly, the leaflets often bearing long spines on the midrib beneath.

Z. FAGARA, (L.) Sarg. Gard. & For. iii. 1890. *Schinus*, L. Spec. 1753. *Z. Pterorata*, HBK. Nov. Gen. vi. 1823. *Fagara Pterorata*, L. Syst. x. 1759. *F. lentiscifolia*, Willd. Enum. 1809.
Nassau; Eleuthera; Cat Is.

Triphasia, Lour. Fl. Cochinch. i. 1790.

T. TRIFOLIATA, (L.) DC. Prod. i. 1824. *Limonia*, L. Mant. ii. 1771.
Grand Cayman.

Citrus, L. Gen. 1737.

C. Aurantium, L. Spec. 1753.

Var. spinosissimum, (Mey.) Griseb. Fl. B. W. I. 1864. *Citrus*, Mey. Esseq. 1818.

Grand Cayman, extensively naturalized.

SIMARUBEÆ.

Suriana, L. Gen. 1737; Plum. Gen. 1703.

S. maritima, L. Spec. 1753.

Nassau; Eleuthera; Cat Is. (R.); Crooked Is.; Grand Cayman.

BURSERACEÆ.

Bursera, Jacq. in L. Spec. Ed. 2, 1762.

Linnæus cites, "Jacq. Hist. t. 65," where one finds *Bursera gummifera*, but the date on the title page of this work is 1763. In regard to this see note by Sargent, Gard. & For. iii. p. 260.

B. angustata, Wr. in Griseb. Cat. Pl. Cub. 1866.

Inagua.

B. Simaruba, (L.) Sarg. Gard. & For. iii. 1890. *Pistacia*, L. Spec. 1753. *Terebinthus Brownii*, Jacq. Pl. Carib. 1760. *Bursera gummifera*, Jacq. in L. Spec. Ed. 2, 1762; Stirp. Amer. 1763.

Nassau; Eleuthera; Cat Is.; Crooked Is.; Grand Cayman.

Amyris, P. Br. Hist. Jam. 1756.

A. maritima, Jacq. Pl. Carib. 1760.

Fortune Is.; Inagua (R.).

MELIACEÆ.

Melia, L. Gen. 1737.

M. sempervirens, Sw. Prod. 1788.

Inagua; Grand Cayman. Cultivated and probably escaped.

Trichilia, P. Br. Hist. Jam. 1756.

T. Havanensis, Jacq. Pl. Carib. 1760. *Portesia glabra*, Griseb. Fl. B. W. I. 1864.

Grand Cayman.

T. SPONDIOIDES, Jacq. Pl. Carib. 1760.
Constant Springs; Port Morant.

Swietenia, Jacq. Pl. Carib. 1760.

S. MAHAGONI, Jacq. l. c.
Nassau; Crooked Is.; Inagua; Grand Cayman.

Cedrela, P. Br. Hist. Jam. 1756.

C. ODORATA, L. Syst. x. 1759.
Jamaica.

ILICINEÆ.

Ilex, L. Gen. 1737.

I. MONTANA, (Sw.) Griseb. Pl. Wr. i. 1860. *Prinos*, Sw. Prod. 1788.
Blue Mt. Peak.

CELASTRACEÆ.

Maytenus, Juss. Gen. 1789.

M. BUXIFOLIUS, (Rich.) Griseb. Cat. Pl. Cub. 1866. *Monteverda*, Rich. Cuba, 1845–55.
Cat Is.; Crooked Is.

Crossopetalum, P. Br. Jam. 1756. *Myginda*, Jacq. Pl. Carib. 1760.

C. AQUIFOLIUM, (Griseb.). *Myginda aquifolia*, Griseb. Cat. Pl. Cuba, 1866.
Eleuthera.

C. RHACOMA, (Sw.). *Rhacoma Crossopetalum*, L. Syst. x. 1759. *Myginda Rhacoma*, Sw. Prod. 1788.
Cat Is.; Watling's; Crooked Is.; Fortune Is.; Inagua; Lucea; Grand Cayman.

Schæfferia, Jacq. Pl. Carib. 1760.

S. FRUTESCENS, Jacq. l. c. (fide Trelease).
Eleuthera.

Elæodendrum, Murr. Syst. 1784.

E. ATTENUATUM, Rich. Cub. 1845.
Grand Cayman.

RHAMNEÆ.

Rhamnidium, Reissek in Mart. Fl. Bras. xciv. 1861.

R. REVOLUTUM, Wr. in Griseb. Cat. Pl. Cub. 1866.

Watling's.

Colubrina, Rich. in Brongn. Ann. Sci. Nat. x. 1827.

C. FERRUGINOSA, Brongn. l. c. *Rhamnus Colubrina,* Jacq. Pl. Carib. 1760.

Grand Cayman.

C. CUBENSIS, (Jacq.) Brongn. l. c. *Rhamnus,* Jacq. Pl. Carib. 1760.

Grand Cayman.

Reynosia, Griseb. Cat. Pl. Cuba, 1866.

R. LATIFOLIA, Griseb. l. c.

Eleuthera; Cat Is.

AMPELIDEÆ.

Vitis, L. Gen. 1737; Tourn. Inst. 1700.

V. CARIBÆA, DC. Prod. i. 1824.

Blue Mts.

V. ROTUNDIFOLIA, Michx. Fl. 1803.

Nassau.

Cissus, L. Fl. Zeyl. 1747.

C. RHOMBIFOLIA, Vahl, Eclog. ii. 1798.

Nassau; Eleuthera; Cat Is.

I have followed Planchon (Ampel. in DC. Mon. Phaen.) because of the confusion in the earlier names. It would seem better to apply the name *trifoliata,* to *C. acida,* L. Spec. Ed. 2, 1762 = *Sicyos trifoliata,* L. Spec. 1753.

C. SICYOIDES, L. Syst. x. 1759.

Nassau; Port Antonio; Lucea.

SAPINDACEÆ.

Seriania, Schum. in Act. Soc. Hafn. iii. 2, 1794. *Serjania,* Juss. Ann. Mus. xviii. 1811; Plum. Gen. 1703.

S. LUCIDA, Schum. l. c.

Eleuthera; Cat Is.

S. PANICULATA, HBK. Nov. Gen. v. 1821.

Eleuthera; Cat Is.

Cardiospermum, L. Gen. 1737.

C. GRANDIFLORUM, Sw. Prod. 1788.
Blue Mts.

C. HALICACABUM, L. Spec. 1753.
Nassau; Lucea; Grand Cayman.

Paullinia, L. Gen. 1737.

P. CURASSAVICA, L. Spec. 1753.
Port Morant.

Allophyllus, L. Fl. Zeyl. 1747. *Schmidelia*, L. Mant. i. 1767.

A. sp.
Grand Cayman.

Near *Schmidelia occidentalis*, Sw.; leaflets 3, leathery, elliptical, shortly petiolulate, sharply and rather remotely serrate, glabrous and shining above, sparsely pubescent beneath, 4 to 7 cm. long by 1½ to 3 cm. broad, nerves straightish and prominent beneath; petioles 1½ to 4 cm. long, sparsely appressed pubescent; fruit globose or slightly obovoid, much smaller than in *S. occidentalis*, about 4 mm. long.

Cupania, L. Gen. 1737; Plum. Gen. 1703.

C. AMERICANA, L. Spec. 1753.
Port Morant.

Blighia sapida, Kœnig, Ann. Bot. ii. 1806. Kingston; Lucea, cultivated.

Thyana, Hamilt. Prod. Fl. Ind. Occ. 1825. *Thouinia*, Poit. in Ann. Mus. iii. 1804 (not Thunb. in L. f. Suppl. 1781 = *Linociera*, Sw. in Schreb. Gen. ii. 1791.)

Thyana from its derivation would, according to some authors, be discarded.

T. DISCOLOR, (Griseb.). *Thouinia discolor*, Griseb. Fl. B. W. I. 1864.
Nassau; Eleuthera; Cat Is.; Fortune Is.; Inagua.

Melicoccus, P. Br. Hist. Jam. 1756.

M. BIJUGA, L. Spec. Ed. 2, 1762. (Melicocca).
Port Antonio; Lucea.

Dodonæa, L. Gen. 1737; Plum. Gen. 1703.

D. ANGUSTIFOLIA, Sw. Obs. 1791.
Blue Mt. Peak.

D. VISCOSA, L. Mant. ii. 1771.
Port Royal.

Var. OBOVATA, n. var.
Cat Is.; Inagua.

Leaves obovate, truncate or slightly pointed at apex, frequently ashy with resinous dots, veins inconspicuous

Alvaradoa, Liebm. in Vidensk. Meddel. 1853.

A. AMORPHOIDES, Liebm. l. c.
Nassau; Grand Cayman.

ANACARDIACEÆ.

Rhus, L. Gen. 1737; Tourn. Inst. 1700.

R. METOPIUM, L. Amoen. Acad. v. 1760.
Nassau; Grand Cayman.

Mangifera, L. Fl. Zeyl. 1747.

M. INDICA, L. Spec. 1753.
Blue Mts.; Lucea; Grand Cayman. Cultivated and escaped.

Anacardium, L. Gen. 1737.

A. OCCIDENTALE, L. Spec. 1753.
Lucea.

Spondias, L. Gen. 1737.

S. MOBIN, L. Spec. 1753. *S. purpurea*, L. Spec. Ed. 2, 1762.
Lucea. Probably cultivated.

S. MYROBALANUS, L. Syst. x. 1759. *S. lutea*, L. Spec. Ed. 2, 1762.
Lucea.

Jacquin (Stirp. Amer.) seems to have reversed the names of these two species.

MORINGEÆ.

Moringa, Burm. Fl. Zeyl. 1737.

M. PTERYGOSPERMA, Gærtn. Fr. ii. 1791; *Guilandina Moringa*, L. Spec. 1753.
Bog Walk; Port Royal; Grand Cayman; Porus.

LEGUMINOSÆ.

Crotalaria, L. Gen. 1737; Tourn. Inst. 1700.

C. INCANA, L. Spec. 1753.
Bog Walk; Pt. Morant; Lucea; Gr. Cayman; Porus.

C. JUNCEA, L. Spec. 1753.
Constant Springs.

C. PUMILA, Ort. Dec. ii. 1797–1800.
Nassau; Eleuthera; Cat Is.

C. RETUSA, L. Spec. 1753.
Kingston.

C. RETZII. *C. sericea*, Retz. Obs. iii. 1779–91 (not Burm. Fl. Ind. 1768, fide DC. Prod. ii. p. 126).
Lucea.

C. STRICTA, DC. Prod. ii. 1825.
Blue Mt. Peak; Lucea.

C. VERRUCOSA, L. Spec. 1753.
Nassau; Kingston (R.); Port Royal; Lucea.

Trifolium, L. Gen. 1737; Tourn. Inst. 1700.

T. FILIFORME, L. Spec. 1753.
Blue Mt. Peak.

T. REPENS, L. Spec. 1753.
Blue Mt. Peak.

Indigofera, L. Hort. Cliff. 1737.

I. ANIL, L. Mant. ii. 1771.
Nassau; Eleuthera; Inagua; Kingston; Grand Cayman; Porus.

I. SUBULATA, Vahl in Poir. Suppl. iii. 1813.
Constant Springs; Port Morant; Porus.

I. TINCTORIA, L. Spec. 1753.
Kingston.

Colinil, Adans. Fam. 1763. *Tephrosia*, Pers. Syn. ii. 1807.

C. ROSEUM, (Lam.). *Galega rosea*, Lam. Dict. ii. 1786. *Tephrosia grandiflora*, Pers. Syn. ii. 1807.
Blue Mt. Peak.

C. CINEREUM, (L.). *Galega cinerea*, L. Syst. x. 1759. *Tephrosia cinerea*, Pers. Syn. ii. 1807.
Eleuthera; Grand Cayman.

Agati, Adans. Fam. 1763. *Sesban*, Adans. l. c. *Sesbania*, Scop. Introd. 1777.

Poiret (Dict. vii.), uses *Sesban* and enumerates several species.

A. GRANDIFLORA, (L.) Desv. Journ. Bot. iii. 1813. *Æschynomene*, L. Spec. Ed. 2, 1763. *Sesban grandiflorus*, Poir. l. c. 1806.
Fortune Is.

A. SERICEA, (Willd.). *Coronilla sericea*, Willd. Enum. 1809. *Sesbania*, DC. Prod. ii. 1825.
Nassau; Kingston. Cultivated?

Brya, P. Br. Hist. Jam. 1756.

B. EBENUS, (L.) DC. Prod. ii. 1825. *Aspalathus*, L. Syst. x. 1759.
Blue Mts; Porus.

Æschynomene, L. Gen. 1737.

Æ. AMERICANA, L. Spec. 1753.
Constant Springs; Port Morant; Port Antonio; Lucea; Porus.

Stylosanthes, Sw. Prod. 1788.

S. HAMATA, (L.) Taub. Abh. Bot. Ver. Brandenb. xxxii. 1889. *Hedysarum*, L. Spec. 1753. *S. procumbens*, Sw. Prod. 1788.
Nassau; Eleuthera; Fortune Is.; Inagua; Kingston; Port Morant; Grand Cayman.

Desmodium, Desv. Journ. Bot. iii. 1813.

D. ADSCENDENS, (Sw.) DC. Prod. ii. 1825. *Hedysarum*, Sw. Prod. 1788.
Port Antonio.

D. AXILLARE, (Sw.) DC. l. c. *Hedysarum*, Sw. l. c.
Bog Walk; Port Antonio.

D. INCANUM, (Sw.) DC. l. c. *Hedysarum*, Sw. l. c.
Nassau; Eleuthera; Cat Is.; Kingston; Constant Springs; Bog Walk; Port Morant; Port Antonio (R.); Grand Cayman; Porus.

D. PROCUMBENS, (Mill.). *Hedysarum procumbens*, Mill. Dict. 1768. *D. spirale*, DC. l. c. *Hedysarum*, Sw. l. c.
Kingston; Lucea.

D. SCORPIURUM, (Sw.) Desv. l. c. 1813. *Hedysarum*, Sw. l. c.
Port Antonio; Lucea.

D. TRIFLORUM, (L.) DC. l. c. *Hedysarum*, L. Spec. 1753.
Constant Springs; Port Antonio; Lucea.

D. UNCINATUM, (Jacq.) DC. l. c. *Hedysarum*, Jacq. Hort. Schœnb. iii. 1798.
Blue Mt. Peak.

Lourea, Neck. Elem. Bot. iii. 1790.

L. VESPERTILIONIS, (L. f.) Desv. Jour. Bot. iii. 1813. *Hedysarum*, L. f. Suppl. 1781.
Constant Springs.

Alysicarpus, Neck. Elem. Bot. iii. 1790.

A. VAGINALIS, (L.) DC. Prod. ii. 1825. *Hedysarum*, L. Spec. 1753.
Constant Springs; Bog Walk; Port Morant.

Abrus, L. Hort. Cliff, 1737.

A. PRECATORIUS, L. Syst. Ed. 12, 1767. *Glycine Abrus*, L. Spec. 1753.
Constant Springs; Port Morant; Lucea.

Centrosema, (DC.) Benth. Ann. Wien. Mus. ii. 1838. *Clitoria*, Sect., DC. Prod. ii. 1825. *Cruminium*, Desv. in Ann. Sc. Nat. 1826.

C. PUBESCENS, Benth. l. c.
Constant Springs; Port Morant.

C. PLUMIERI, (Turp.) Benth. l. c. *Clitoria*, Turp. in Pers. Syn. ii. 1807.
Bog Walk; Port Morant; Lucea.

C. VIRGINIANUM, (L.) Benth. l. c. *Clitoria*, L. Spec. 1753.

Nassau; Eleuthera; Cat Is.; Crooked Is.; Inagua; Constant Springs; Porus.

Var. ANGUSTIFOLIUM, (DC.) Griseb. Fl. B. W. I. 1864. *Clitoria Virginiana*, var., DC. Prod. ii. 1825.

Nassau; Cat Is.

Clitoria, L. Gen. 1737.

C. TERNATEA, L. Spec. 1753.

Inagua; Kingston; Grand Cayman.

Teramnus, P. Br. Hist. Jam. 1756.

T. UNCINATUS, (L.) Sw. Prod. 1788. *Dolichos*, L. Spec. Ed. 2, 1763.

Nassau; Bog Walk; Port Morant; Lucea; Grand Cayman.

T. VOLUBILIS, Sw. Prod. 1788.

Blue Mts. (R.); Port Morant; Lucea.

Erythrina, L. Gen. 1737.

E. CORALLODENDRON, L. Spec. 1753.

Lucea; Grand Cayman.

Mucuna, Adans. Fam. 1763.

M. PRURIENS, (L.) DC. Prod. ii. 1825. *Dolichos*, L. Syst. x. 1759.

Bog Walk; Grand Cayman; Porus.

Galactia, P. Br. Hist. Jam. 1756.

G. ANGUSTIFOLIA, Kunth, Mim. 1819.

Inagua.

G. GALACTIOIDES, (Griseb.). *Dioclea galactioides*, Griseb. Cat. Pl. Cub. 1866. *G. impressa*, Wr. in Wr. and Sauv. Fl. Cub. 1873.

Watling's; Crooked Is.; Fortune Is.; Inagua.

Stem slightly rusty-pubescent; leaflets 3, elliptical, oblanceolate or obovate, coriaceous, reticulate veined, glabrous and pale green both sides, narrowed at base, obtuse or retuse at apex, margin slightly revolute, 2½ cm. long by 1½ cm. broad or smaller, petiolules rusty-pubescent; petiole ½ to 3 cm. long; flowers fascicled racemose, inflorescence 3 to 6 cm. long, appressed, rusty-pubescent, pedicels about 4 mm. long; calyx rusty-pubescent, lateral lobes ovate, as long as the tube, upper and lower longer and mucronate; corolla about twice the length of the lateral lobes, purple; flower 6 to 10 mm. long; vexillar stamen united for about ⅘ its length; pod compressed, glabrous, obliquely beaked, 3 to 4 cm. long; seeds dark brown, smooth. The leaves and pods, under a lens are sparsely hirsute. The leaves are wider than in Wright's Cuba specimen in Herb. Cambridge. They do not agree altogether with the description of *Dioclea galactioides* in Griseb. Cat. Pl. Cub. "foliolis subtus puberulis sericeis" and "legumine rufo-pubescente."

G. RUDOLPHIOIDES, (Griseb.) Wr. in Wr. & Sauv. Fl. Cub. 1873. *Dioclea*, Griseb. Pl. Wr. i. 1860.

Nassau; Eleuthera; Cat Is.; Crooked Is.

G. TENUIFLORA, (Willd.) Wight & Arn. Prod. Fl. Ind. 1834. *Glycine*, Willd. Spec. iii. 1801. *G. filiformis*, Benth. in Ann. Wien. ii. 1838.

Nassau; Watling's; Inagua.

Canavali, Adans. Fam. 1763. *Canavalia*, DC. Prod. ii. 1825.

C. GLADIATA, (Savi) DC. l. c. "*Malocchia*, Savi, Mem. 1825, p. 4" (ex DC. l. c.).

Nassau; Grand Cayman.

C. OBTUSIFOLIA, (Lam.) DC. l. c. *Dolichos*, Lam. Dict. ii. 1786.

Nassau; Eleuthera; Kingston.

Phaseolus, L. Gen. 1737; Tourn. Inst. 1700.

P. SEMIERECTUS, L. Mant. i. 1767.

Nassau; Constant Springs; Kingston (R.); Port Morant; Grand Cayman; Porus.

Vigna, Savi, Mem. Phas. iii. 1824.

V. LUTEOLA, (Jacq.) Benth. in Mart. Fl. Bras. xv. 1859. *Phaseolus*, Jacq. Hort. Vind. i. 1770.

Kingston; Port Morant; Lucea; Grand Cayman.

Dolichos, L. Gen. 1737.

D. LABLAB, L. Spec. 1753.

Nassau; Port Antonio. Cultivated and escaped.

Cajan, Adans. Fam. 1763. *Cajanus*, DC. Cat. H. Monsp. 1813.

C. INDICUS, Spreng. Syst. iii. 1826 (Cajanus). *Cytisus Cajan*, L. Spec. 1753.

Eleuthera; Port Antonio; Lucea; Grand Cayman.

Rhynchosia, Lour. Fl. Cochinch. ii. 1790.

R. MINIMA, (L.) DC. Prod. ii. 1825. *Dolichos*, L. Spec. 1753.

Inagua; Grand Cayman.

Flemingia, Roxb. Pl. Corom. iii. 1819.

The date of this is given in Pfeiffer's Index as 1819? and in Pritzel as 1819; but it is evidently earlier, as it is quoted in Ait. f. Hort. Kew. iii. p. 350, 1812.

F. STROBILIFERA, (L.) Ait. f. Hort. Kew. iii. 1812. *Hedysarum*, L. Spec. 1753.

Bog Walk; Port Antonio (R.).

Amerimnon, P. Br. Hist. Jam. 1756. *Dalbergia*, L. f. Suppl. 1781.

A. BROWNII, Jacq. Pl. Carib. 1760. *D. Amerimnum*, Benth. Syn. Dalb. 1860.

Port Morant; Lucea.

Ecastophyllum, P. Br. Hist. Jam. 1756.

E. BROWNEI, Pers. Syn. ii. 1807. *Pterocarpus Ecastophyllum*, L. Syst. Ed. 13, 1774.

Port Antonio; Grand Cayman.

Ichthyomethia, P. Br. Hist. Jam. 1756. *Piscidia*, L. Syst. x. 1759.

I. PISCIPULA, (L.) Hitchc. in Gard. & For. iv. 1891. *Erythrina*, L. Spec. 1753. *Piscidia Erythrina*, L. Syst. x. 1759. *P. Piscipula*, Sarg. Gard. & For. iv. 1891.

Cat Is.; Lucea.

Vouacapoua, Aubl. Gui. i. 1775. *Andira*, Lam. Dict. i. 1783.

V. AMERICANA, Aubl. l. c. *Geoffrœa inermis*, Sw. Prod. 1788. *Andira*, HBK. Nov. Gen. vi. 1823.

Port Antonio; Lucea.

Sophora, L. Gen. 1737.

S. TOMENTOSA, L. Spec. 1753.
Crooked Is.; Inagua.

Ateleia, (Moç. & Sess.) Benth. in Ann. Wien. Mus. ii. 1838. *Pterocarpus*, Sect., Moç. & Sess. in DC. Prod. ii. 1825.

A. MULTIJUGA, (Rich.). *Swartzia multijuga*, Rich. Cub. 1845–55. *A. Cubensis*, Griseb. Pl. Wr. i. 1860.
Cat Is.

Cæsalpinia, L. Gen. Ed. 2, 1742. *Guilandina*, **L. Gen.** 1737.

C. BONDUCELLA, (L.). *Guilandina*, L. Spec. Ed. 2, 1762.
Nassau; Eleuthera; Inagua; Lucea; Blue Mts.; Grand Cayman.

C. CRISTA, L. Spec. 1753.
Nassau; Inagua.

C. PULCHERRIMA, (L.) Sw. Obs. 1791. *Poinciana pulcherrima*, L. Spec. 1753.
Lucea; Grand Cayman; Porus.

C. SEPIARIA, Roxb. Fl. Ind. ii. 1832.
Blue Mts.; Port Antonio; Porus.

Hæmatoxylum, L. Gen. 1737. *Hæmatoxylon*, L. Phil. Bot. 1751.

H. CAMPECHIANUM, L. Spec. 1753.
Constant Springs; Port Morant; Lucea; Grand Cayman; Porus.

Poinciana regia, Boj. in Bot. Mag. 1829. Nassau, Cult.
Parkinsonia aculeata, L. Spec. 1753. Kingston, Cult.

Cassia, L. Gen. 1737; Tourn. Inst. 1700.

C. ALATA, L. Spec. 1753.
Port Royal; Lucea.

C. BAHAMENSIS, Mill. Dict. 1768.
Nassau; Eleuthera; Cat Is.; Watling's; Port Morant.

C. BICAPSULARIS, L. Spec. 1753.
Port Morant; Port Antonio; Lucea; Porus.

C. BIFLORA, L. Spec. 1753.
Nassau; Eleuthera; Fortune Is.; Inagua; Constant Springs.

C. EMARGINATA, L. Spec. 1753.
Kingston.

C. HIRSUTA, L. Spec. 1753.
Port Antonio.

C. NICTITANS, L. Spec. 1753.
Nassau; Eleuthera; Porus.

C. OCCIDENTALIS, L. Spec. 1753.
Nassau; Eleuthera; Fortune Is.; Inagua; Grand Cayman; Porus.

C. PILOSA, L. Syst. x. 1759.
Constant Springs.

C. POLYADENA, DC. "Pl. Rar. Gard. Gen. 2e Rapp."
Eleuthera; Cat Is.; Crooked Is.

C. TORA, L. Spec. 1753.
Eleuthera; Constant Springs; Porus.

C. UNIFLORA, Mill. Dict. 1768 (not Spreng. N. Entd. 1820).
C. sericea, Sw. Prod. 1788.
Nassau; Inagua.

C. VILLOSA, Houst. in Mill. Dict. 1768.
Nassau.

Peculiar in its Desmodium-like pods.

C. VIMINEA, L. Syst. x. 1759.
Blue Mt. Peak.

Bauhinia, L. Gen. 1737; Plum. Gen. 1703.

B. DIVARICATA, L. (Ex Urb. Jahrb. Berl. Gart., p. 247.) *B. porrecta*, Sw. Prod. 1788. *Casparea*, Griseb. Fl. B. W. I. 1864.
Port Antonio; Grand Cayman; Porus.

B. KRUGII, Urb. Ber. D. Bot. Ges. iii. 1885. (Sintenis, Pl. Porto Rico, No. 682, 5005). Lucea (cultivated?)

Tamarindus, L. Gen. 1737; Tourn. Inst. 1700.

T. INDICA, L. Spec. 1753.
Nassau; Inagua; Constant Springs; Porus.

Hymenæa, L. Gen. 1737; Spec. 1753.

H. COURBARIL, L. Spec. 1753.
Porus.

Gigalobium, P. Br. Hist. Jam. 1756. *Entada*, Adans. Fam. 1763.

G. SCANDENS, (L.). *Mimosa scandens*, L. Spec. Ed. 2, 1763. *Entada*, Benth. in Hook. Jour. Bot. iv. 1842.
Port Antonio.

Adenanthera, L. Coroll. 1737.

A. PAVONINA, L. Spec. 1753.
Port Antonio; Grand Cayman.

Prosopis, L. Mant. i. 1767.

P. JULIFLORA, (Sw.) DC. Prod. ii. 1825. *Mimosa*, Sw. Prod. 1788.
Kingston; Constant Springs.

Desmanthus, Willd. Spec. iv. 1805.

D. DEPRESSUS, Humb. & Bonpl. in Willd. Spec. iv. 1805.
Inagua; Kingston.

D. VIRGATUS, (L.) Willd. Spec. iv. 1805. *Mimosa*, L. Spec. 1753.
Nassau, Eleuthera; Port Morant.

Mimosa, L. Gen. 1737; Tourn. Inst. 1700.

M. BAHAMENSIS, Benth. in Hook. Jour. Bot. iv. 1842.
Fortune Is.; Inagua.

M. PIGRA, L. Syst. x. p. 1312, No. 28, F. 1759. *M. asperata*, L. l. c., p. 1312, No. 28, G.
Lucea.

The pods break up into 1-seeded burs.

M. PUDICA, L. Spec. 1753.
Bog Walk; Port Morant; Porus; Lucea (var. unijuga).

Observations at Lucea showed that the leaves recovered from a shock in 9 to 11 minutes.

Leucæna, Benth. in Hook. Jour. Bot. iv. 1842.

L. GLAUCA, (L.) Benth. l. c. *Mimosa*, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Fortune Is.; Port Morant; Lucea; Grand Cayman.

Acacia, L. Fl. Zeyl. 1747; Tourn. Inst. 1700.

A. FARNESIANA, (L.) Willd. Spec. iv. 1805. *Mimosa*, L. Spec. 1753.
Nassau; Fortune Is.; Inagua; Lucea.

A. LEBBECK, (L.) Willd. l. c. *Mimosa*, L. l. c.
Nassau.

A. LUTEA, (Houst.). *Mimosa lutea*, Houst. in Mill. Dict. 1768. *Acacia macrantha*, Humb. & Bonpl. in Willd. l. c.
Constant Springs.

A. NILOTICA, (L.) Desf. Cat. H. Par. Ed. 2, 1815. *Mimosa*, L. Spec. 1753. *A. Arabica*, Willd. l. c.
Lucea.

A. TORTUOSA, (L.) Willd. l. c. *Mimosa*, L. Syst. x. 1759.
Port Royal.

Lysiloma, Benth. in Hook. Lond. Jour. Bot. iii 1844.

L. FORMOSA, (Rich.). *Acacia formosa*, Rich. Fl. Cub. 1845 (–55?) (not *A. formosa*, Kunth, Mim. 1819 = *Calliandra formosa*, Benth. l. c. ex Benth. Mim. in Linn. Trans. xxx., p. 534). *L. Sabicu*, Benth. in Hook. Kew Jour. vi. 1854.
Nassau; Eleuthera; Fortune Is.

L. LATISILIQUA, (L.) Benth. in Trans. Linn. Soc. xxx. 3, 1875. *Mimosa*, L. Spec. 1753.
Cat Is.; Fortune Is.; Inagua.

Calliandra, Benth. in Hook. Jour. Bot. ii. 1840.

C. GRACILIS, Griseb. Pl. Wr. i. 1860.
Eleuthera; Cat Is.; Grand Cayman.

C. HÆMATOMMA, (DC.) Benth. in Hook. Lond. Jour. iii. 1844. *Acacia*, DC. Mem. Leg. 1825.
Inagua.

C. PORTORICENSIS, (Jacq.) Benth. l. c. 1844. *Mimosa*, Jacq. Ic. Rar. iii. 1786–93.
Blue Mts.

Pithecolobium, Mart. Cat. H. Monac. 1829.

P. ASPLENIFOLIUM, Griseb. Cat. Pl. Cub. 1866.
Eleuthera.

P. FILICIFOLIUM, Benth. in Hook. Lond. Jour. iii. 1844.
Lucea.

P. SAMAN, (Willd.) Benth. l. c. *Inga*, Willd. Spec. iv. 1807. *Calliandra*, Griseb. Fl. B. W. I. 1864.
Lucea; Porus.

Willdenow quotes *Mimosa Inga,* Jacq. Frag. v.

P. UNGUIS-CATI, (L.) Benth. l. c. *Mimosa*, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Fortune Is.

Inga, Willd. Spec. iv. 1807; Plum. Gen. 1703.

I. VERA, Willd. l. c. *Mimosa Inga*, L. Spec. 1753.
Port Morant.

ROSACEÆ.

Chrysobalanus, L. Gen. 1737.

C. ICACO, L. Spec. 1753.
Nassau; Grand Cayman.

Rubus, L. Gen. 1737; Tourn. Inst. 1700.

R. ALPINUS, Macf. (ex Griseb. Fl. B. W. I. 1864.)
Blue Mt. Peak.

This probably appeared in Macf. Fl. Jam. Vol. ii., which was not completely published. Cf. Jour. Bot. & Kew Misc. ii. p. 288.

R. JAMAICENSIS, L. Mant. i. 1767.
Blue Mt. Peak.

Fragaria, L. Gen. 1737; Tourn. Inst. 1700.

F. VESCA, L. Spec. 1753.
Blue Mt. Peak.

SAXIFRAGACEÆ.

Windmannia, P. Br. Hist. Jam. 1756. *Weinmannia*, L. Syst. x. 1759.

W. PINNATA, L. Syst. x. 1759.
Blue Mt. Peak.

CRASSULACEÆ.

Bryophyllum, Salisb. Parad. Lond. i. 1805.

B. PINNATUM, (Lam.) S. Kurz, 1876. *Cotyledon pinnatum*,

Lam. Dict. ii. 1786. *B. calycinum*, Salisb. l. c.
Nassau; Blue Mts.; Grand Cayman.

RHIZOPHOREÆ.

Rhizophora, L. Gen. 1737.

R. MANGLE, L. Spec. 1753.
Cat Is.; Crooked Is.; Port Morant; Grand Cayman.

COMBRETACEÆ.

Buceras, P. Br. Hist. Jam. 1756. *Terminalia*, L. Mant. i. 1767.

B. ANGUSTIFOLIA, (DC.). *Bucida angustifolia*, DC. Prod. iii. 1828. *Bucida Buceras*, L. Syst. x. 1759.
Inagua.

B. CATAPPA, (L.). *Terminalia Catappa*, L. Mant. i. 1767.
Nassau; Fortune Is.; Grand Cayman.

Conocarpus, L. Gen. 1737.

C. ERECTA, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Crooked Is.; Inagua; Kingston; Lucea; Grand Cayman.

Var. SERICEA, Fors. in DC. Prod. iii. 1828.
Nassau; Watling's.

Laguncularia, Gærtn. Fr. iii. 1805.

L. RACEMOSA, (L.) Gærtn. l. c. *Conocarpus*, L. Syst. x. 1759.
Fortune Is.; Port Morant; Port Antonio.

MYRTACEÆ.

Psidium, L. Gen. 1737.

P. GUAJAVA, L. Spec. 1753.
Inagua (R.); Constant Springs; Bog Walk; Port Morant; Grand Cayman.

Pimenta, Lindl. Coll. Bot. 1821.

P. VULGARIS, Wight, Ill. Ind. Bot. ii. 1850. *Myrtus Pimenta*, L. Spec. 1753. *Pimenta Pimenta*, Cockerell in Torr. Bull. xix. p. 95, 1892.
Lucea.

Eugenia, L. Gen. 1737; Mich. Nov. Pl. Gen. 1729.

E. BARNENSIS, Jacq. Pl. Carib. 1760.
Grand Cayman.

E. BUXIFOLIA, (Sw.) Willd. Spec. ii. 1799. *Myrtus*, Sw. Prod. 1788.
Nassau; Cat Is.; Crooked Is.

E. JAMBOS, L. Spec. 1753.
Port Antonio.

E. MONTICOLA, (Sw.) DC. Prod. iii. 1828. *Myrtus*, Sw. l. c.
Nassau; Eleuthera; Grand Cayman.

MELASTOMACEÆ.

Nepsera, Naud. in Ann. Sc. Nat. 3, xiii. 1849.

N. AQUATICA, (Aubl.) Naud. l. c. *Melastoma*, Aubl. Guiana, 1775.
Port Antonio.

Miconia, Ruiz & Pav. Prod. 1798.

M. IMPETIOLARIS, (Sw.) Don, Mem. Soc. Wern. iv. 1823. *Melastoma*, Sw. Prod. 1788.
Port Antonio.

M. LÆVIGATA, (L.) DC. Prod. iii. 1828. *Melastoma*, L. Syst. x. 1759.
Bog Walk; Port Morant; Port Antonio; Lucea.

M. QUADRANGULARIS, (Sw.) Naud. in Ann. Sc. Nat. 3, xvi. 1851. *Melastoma*, Sw. Prod. 1788. *Pleurochœnia*, Griseb. Fl. B. W. I. 1864.
Blue Mt. Peak.

M. RIGIDA, (Sw.) Triana, Melast. *Melastoma*, Sw. l. c. *Pleurochœnia*, Griseb. Fl. B. W. I. 1864.
Blue Mt. Peak.

M. RUBENS, (Sw.) Naud. l. c. *Melastoma*, Sw. l. c. *Cremanium*, DC. Prod. iii. 1828.
Blue Mt. Peak.

Heterotrichum, DC. Prod. iii. 1828.

H. PATENS, (Sw.) DC. l. c. *Melastoma*, Sw. Prod. 1788.
Port Antonio.

Tetrazygia, Rich. in DC. Prod. iii. 1828.

T. BICOLOR, (Mill.) Cogn. in DC. Mon. Phan. vii. 1891. *Melastoma*, Mill. Dict. 1768. Wr. Pl. Cub. No. 1222. Cooper, Pl. N. Providence, No. 82.
Nassau.

T. HISPIDA, (Sw.) "Macf. Fl. Jam. ii." (ex. Cogn. in DC. Mon. Phan.) *Melastoma*, Sw. Prod. 1788. *Heterotrichum*, Griseb. Fl. B. W. I. 1864.
Blue Mt. Peak.

Clidemia, Don, in Mem. Soc. Wern. iv. 1823.

C. HIRTA, (L.) Don, l. c. *Melastoma*, L. Spec. 1753.
Port Antonio.

Mecranium, Hook. f. in Benth. & Hook. Gen. Pl. i. 3. 1867.

M. AMYGDALINUM, (Desr.) Triana, Melast. *Melastoma*, Desr. in Lam. Dict. iv. 1797.
Blue Mt. Peak.

M. PURPURASCENS, (Sw.) Triana, Melast. *Melastoma*, Sw. Prod. 1788.
Port Antonio.

LYTHRARIEÆ.

Ammannia, L. Gen. 1737.

A. LATIFOLIA, L. Spec. 1753.
Port Antonio; Lucea; Grand Cayman.

Parsonsia, P. Br. Hist. Jam. p. 199, 1756. *Cuphea*, P. Br. l. c. p. 216.

P. RADICANS, (Macf.). *Lythrum Parsonsia*, L. Syst. x. 1759. *Cuphea Parsonsia*, R. Br. (Mem. Soc. Wern. i. 1809?) *Cuphea radicans*, Macf. Fl. Jam.
Nassau; Port Morant.

P. MICROPETALA, (HBK.). *Cuphea*, HBK. Nov. Gen. vi. 1823. *C. platycentra*, Benth. Pl. Hartw. 1839.
Blue Mt. Peak.

Lawsonia inermis, L. Spec. 1753. Inagua, Lucea, Cult.

ONAGRARIEÆ.

Jussieua, L. Gen. 1737.

J. ANGUSTIFOLIA, Lam. Dict. iii. 1789.
Port Antonio.

J. HIRTA, (L.) Vahl, Eclog. ii. 1798. *Oenothera*, L. Syst. x. 1759.
Port Antonio.

J. REPENS, L. Spec. 1753.
Port Morant.

J. SUFFRUTICOSA, L. Spec. 1753.
Port Morant; Port Antonio.

J. VARIABILIS, Mey. Esseq. 1818.
Port Antonio.

SAMYDACEÆ.

Casearia, Jacq. Pl. Carib. 1760.

C. RAMIFLORA, Vahl, Symb. ii. 1791.
Lucea.

C. SERRULATA, Sw. Fl. Ind. Occ. ii. 1800.
Port Antonio.

C. SYLVESTRIS, Sw. l. c.
Port Morant.

Bonara, Aubl. Guiana, 1775.

B. RETICULATA, Griseb. Cat. Pl. Cub. 1866.
Nassau.

LOASEÆ.

Mentzelia, L. Gen. 1737; Plum. Gen. 1703.

M. ASPERA, L. Spec. 1753.
Kingston.

TURNERACEÆ.

Turnera, L. Gen. 1737; Plum. Gen. 1703.

T. DIFFUSA, Willd. in R. & S. Syst. vi. 1820. *T. microphylla*, Desv. in Hamilton, Prod. 1825. *Triacis*, Griseb. Fl. B. W. I. 1864.
Inagua.

T. ULMIFOLIA, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Fortune Is.; Constant Springs; Port Morant; Lucea (R); Grand Cayman.

PASSIFLOREÆ.

Passiflora, L. Gen. 1737.

P. ANGUSTIFOLIA, Sw. Prod. 1788.
Lucea; Grand Cayman.

P. CILIATA, Ait. Hort. Kew. iii. 1789.
Var. RIPARIA, Wr. in Griseb. Cat. Pl. Cub. 1866.
Eleuthera (R); Cat Is.; Fortune Is.

P. CUPRÆA, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.

P. EDULIS, Sims, Bot. Mag. 1818.
Blue Mt. Peak.

P. FŒTIDA, L. Spec. 1753.
Nassau; Bog Walk; Porus.

P. maliformis, L. Spec. 1753. Lucea, cult.

P. MINIMA, L. Spec. 1753.
Nassau; Eleuthera; Inagua; Port Antonio; Porus.

P. PALLIDA, L. Spec. 1753. Wr. Pl. Cub. No. 2597.
Cat Is.

P. RUBRA, L. Spec. 1753.
Bog Walk; Blue Mts.; Port Antonio; Lucea; Porus.

P. SEXIFLORA, Juss. in Ann. Mus. vi. 1805.
Blue Mts.

P. VILLOSA, Macf. (Fl. Jam. ii.?).
Watling's; Grand Cayman.

Carica Papaya, L. Spec. 1753, Eleuthera, Port Antonio, cult.

CUCURBITACEÆ.

Momordica, L. Gen. 1737; Tourn. Inst. 1700.

M. CHARANTIA, L. Spec. 1753.
Lucea; Porus.
Var. ZEYLANICA, (Mill.). *Momordica Zeylanica*, Mill. Dict. 1768.

Kingston; Constant Springs; Port Morant; Grand Cayman.

Melothria, L. Coroll. 1737.

M. FLUMINENSIS, Gardn. in Hook. Lond. Journ. Bot. i. 1842.

Bog Walk.

M. GUADALUPENSIS, (Spreng.) Cogn. in DC. Mon. Phan. iii. 1881. *Bryonia*, Spreng. Syst. iii. 1826. *M. pervaga*, Griseb. Fl. B. W. I. 1864.

Port Morant; Lucea.

Anguria, L. Spec. Ed. 2, 1763.

A. PEDATA, Jacq. Pl. Carib. 1760.

Eleuthera.

BEGONIACEÆ.

Begonia, L. Gen. Ed. 2, 1742; Tourn. Inst. 1700.

B. ACUMINATA, Dryand. in Trans. Linn. Soc. i. 1791.

Blue Mt. Peak; Bog Walk.

B. NITIDA, Dryand. l. c.

Blue Mt. Peak.

CACTEÆ.

Melocactus, "Link, Enum. ii. 1822." (ex Link and Otto, Verh. Gartenb. iii. 1827.)

M. COMMUNIS, Link & Otto, l. c. *Cactus Melocactus*, L. Spec. 1753.

Port Royal.

Cereus, Haw. Syn. 1812.

C. GRANDIFLORUS, (L.) Haw. l. c. *Cactus*, L. Spec. 1753.

Port Antonio; Lucea.

C. SWARTZII, Griseb. Fl. B. W. I. 1864.

Cat Is.

Abundant from Governor's Harbor to Jamaica, especially at Port Royal.

Rhipsalis, Gærtn. Fr. i. 1788.

R. CASSYTHA, Gærtn. l. c.

Blue Mts.; Port Antonio.

Opuntia, Adans. Fam. 1763; Tourn. Inst. 1700.

O. COCHENILLIFER, (L.) Mill. Dict. 1768. *Cactus*, L. Spec. 1753.

Bog Walk; Lucea; Grand Cayman.

O. FICUS-INDICA, (L.) Mill. l. c. *Cactus*, L. l. c.

Jamaica.

O. SPINOSISSIMA, Mill. l. c.

Fortune Is.; Inagua.

Abundant also at Port Royal.

O. TUNA, (L.) Mill. l. c. *Cactus*, L. l. c.

Bahamas.

FICOIDEÆ.

Sesuvium, L. Syst. x. 1759.

S. PORTULACASTRUM, (L.) L. Syst. x. 1759. *Portulaca*, L. Spec. 1753.

Eleuthera; Cat Is.; Crooked Is.; Grand Cayman.

UMBELLIFERÆ.

Hydrocotyle, L. Gen. 1737; Tourn. Inst. 1700.

H. UMBELLATA, L. Spec. 1753.

Kingston.

Daucus, L. Gen. 1737; Tourn. Inst. 1700.

D. CAROTA, L. Spec. 1753.

Escaped above Abbey Green, Blue Mts.

ARALIACEÆ.

Sciodaphyllum, P. Br. Hist. Jam. 1756.

S. ARBOREUM, (L.). *Aralia arborea*, L. Syst. x. 1759. *S. Jacquini*, Griseb. Fl. B. W. I. 1864.

Port Antonio.

S. CAPITATUM, (Jacq.) Griseb. l. c. *Aralia*, Jacq. Pl. Carib. 1760.

Blue Mts.

S. HEPTAPHYLLUM, (L.). *Aralia Sciodaphyllum*, Sw. Prod. 1788. *S. Brownei*, Spreng. Syst. i. 1825. *Vitis heptaphylla*, L. Mant. ii. 1771.

Blue Mt. Peak.

CAPRIFOLIACEÆ.

Sambucus nigra, L. Spec. 1753, cultivated. Grand Cayman; Lucea.

RUBIACEÆ.

Lygistum, P. Br. Hist. Jam. 1756. *Manettia*, Mutis. in L. Mant. ii. 1771.

L. AXILLARE, Lam. Ill. i. 1791. *Petesia Lygistum*. L. Syst. x 1759. *Manettia Ligistum*, Sw. Prod. 1788.

Manettia Ligistum, Sw. Prod. 1788.

Blue Mt. Peak.

Exostema, (Pers.) Rich. in Humb. & Bonpl. Pl. Æquin. i. 1808. *Cinchona*, Sect., Pers. Syn. i. 1805.

E. CARIBÆUM, (Jacq.) Roem. & Sch. Syst. v. 1819. *Cinchona*, Jacq. Pl. Carib. 1760.

Crooked Is.; Lucea.

Portlandia, P. Br. Hist. Jam. 1756.

P. GRANDIFLORA, L. Syst. x. 1759.

Porus.

Rachicallis, DC. Prod. iv. 1830.

R. AMERICANA, (Jacq.). *Hedyotis Americana*, Jacq. Pl. Carib. 1760. *R. rupestris*, DC. Prod. iv. 1830.

Nassau; Crooked Is.; Grand Cayman.

Oldenlandia, L. Syst. Nat. Ed. 2, 1740; Plum. Gen. 1703.

O. CALLITRICHOIDES, Griseb. Cat. Pl. Wr. ii. 1862.

Grand Cayman.

Growing on the stone wall of a shallow well.

Hamelia, Jacq. Pl. Carib. 1760.

H. LUTEA, Rohr. in Smith in Rees, Cycl. xvii. 1819.

Port Antonio.

H. PATENS, Jacq. Pl. Carib. 1760.

Nassau.

Catesbæa, L. Gen. 1737.

C. PARVIFLORA, Sw. Prod. 1788.

Crooked Is.; Port Antonio; Lucea.

The Crooked Is. specimens agree with Curtiss No. B (= 1130*) but are spineless. The other specimens have long and slender spines.

Randia, Houst. in L. Hort. Cliff. 1737.

R. ACULEATA, L. Spec. 1753.

Nassau; Eleuthera; Cat Is.; Crooked Is.; Inagua; Port Morant; Lucea; Porus.

The Inagua specimens are spineless and have small leaves about 7 mm. long.

Genipa, L. Syst. Nat. Ed. 2, 1740; Tourn. Inst. 1700.

G. CLUSIÆFOLIA, (Jacq.) Griseb. Fl. B. W. I. 1864. *Gardenia*, Jacq. Coll. v. 1796.

Nassau; Cat Is.; Watling's; Crooked Is.; Fortune Is.

Guettarda, L. Spec. 1753.

G. CALYPTRATA, Rich. Cuba, t. 46, 1845–55.

Inagua.

G. ELLIPTICA, Sw. Prod. 1788.

Nassau; Eleuthera; Fortune Is.; Inagua.

The Inagua specimens have the fruits solitary on pedicels about 1 cm. long.

G. SCABRA, (L.) Lam. Ill. ii. 1793. *Matthiola*, L. Spec. 1753.

Nassau; Inagua.

Laugeria, Vahl, Eclog. i. 1796.

Laugeria, Jacq. Pl. Carib. pp. 2 and 16, 1760, L. Spec. Ed. 2, 1762, is founded on *L. odorata*, Jacq. l. c. which is now the type of a section of *Guettarda* (Sect. *Matthiola*, Benth. & Hook., Sect. *Guettardaria*, DC.). *Laugeria*, Vahl, l. c. included *L. coriacea*, Vahl, and *L. resinosa*, Vahl, no generic characters being given. The former does not belong to *Laugeria* as limited by Benth. & Hook.

L. DENSIFLORA, (Wr.). *Stenostomum*, Wr. in Griseb. Cat. Pl. Cub. 1866. Wr. Pl. Cub. No. 2713.

Nassau.

Machaonia, Humb. & Bonpl. Pl. Æquin. i. 1808.

M. ROTUNDATA, Griseb. Fl. B. W. I. 1864.

Port Antonio.

This answers to the description with the exception that the leaves are ovate or elliptical and pointed. It is the same as a specimen without specific name, in Herb. Cambridge, collected in Jamaica by Purdie, 1844. Burchill's No. 8444 and 8472–2 from Brazil, differ only in having the leaves sparingly pubescent along the veins beneath and rather more pubescent fruit. *M. acuminata* has a looser inflorescence and leaves more pubescent beneath (Gardner 3212, Prov. Goyaz, in Herb. Cambridge).

Erithalis, P. Br. Hist. Jam. 1756.

E. FRUTICOSA, L. Syst. x. 1759.
Nassau; Eleuthera; Cat Is.; Crooked Is.; Fortune Is.; Watling's; Inagua; Port Antonio; Lucea; Grand Cayman.

Chiococca, P. Br. Hist. Jam. 1756.

C. ALBA, (L.). *Lonicera alba*, L. Spec. 1753. *C. racemosa*, L. Syst. x. 1759.
Nassau; Eleuthera; Cat Is.

C. PARVIFOLIA, Wullschl. in Griseb. Fl. B. W. I. 1864.
Nassau; Crooked Is.; Grand Cayman.

Phialanthus, Griseb. Fl. B. W. I. 1864.

P. MYRTILLOIDES, Griseb. l. c.; Hook. Ic. Pl. t. 1801.
Fortune Is.

Coffea Arabica, L. Spec. 1753. Cultivated. Blue Mts.

Strumpfia, Jacq. Pl. Carib. 1760.

S. MARITIMA, Jacq. l. c.
Nassau; Eleuthera; Watling's; Crooked Is.; Grand Cayman.

Morinda, L. Gen. 1737; Vaill. Act. Acad. Par. 1722.

M. ROYOC, L. Spec. 1753.
Kingston; Port Morant; Lucea; Grand Cayman.

Faramea, Aubl. Guian. i. 1775.

F. AMERICANA, (L.) OK. Rev. Gen. 1891. *Ixora Americana*, L. Syst. x. 1759. *F. odoratissima*, DC. Prod. iv. 1830.
Bog Walk.

Myrstiphyllum, P. Br. Hist. Jam. p. 152, 1756.

Psychotria, L. Syst. x. 1759 (with reference to Br. Jam. t. 17, fig. 2=*Psychotrophum*, P. Br. p. 160).

M. BRACHIATUM, (Sw.). *Psychotria brachiata*, Sw. Prod. 1788.
Port Antonio.

M. CORYMBOSUM, (Sw.). *Psychotria corymbosa*, Sw. Prod. 1788.
Blue Mt. Peak.

M. MARGINATUM, (Sw.). *Psychotria marginata*, Sw. l. c.
Port Antonio.

M. PUBESCENS, (Sw.). *Psychotria pubescens*, Sw. l. c.
Port Antonio.

M. UNDATUM, (Jacq.). *Psychotria undata*, Jacq. Hort. Schoen. iii. 1798.
Nassau; Eleuthera; Cat Is.; Grand Cayman.

Palicourea, Aubl. Guian. i. 1775.

P. ALPINA, (Sw.) DC. Prod. iv. 1830. *Psychotria*, Sw. Prod. 1788.
Blue Mt. Peak.

P. CROCEA, (Sw.) DC. l. c. *Psychotria*, Sw. l. c.
Port Morant.

P. PAVETTA, (Sw.) DC. l. c. *Psychotria*, Sw. l. c.
Port Antonio.

Ernodea, Sw. Prod. 1788.

E. LITTORALIS, Sw. Prod. 1788.
Nassau; Cat Is.; Crooked Is.; Fortune Is.; Watling's; Inagua; Grand Cayman.

Spermacoce, L. Gen. 1737; Dill. Hort. Elth. 1732.

S. ASPERA, Aubl. Guian. 1775.
Nassau; Eleuthera; Cat Is.; Inagua.

S. LÆVIS, Lam. Ill. i. 1791.
Nassau; Constant Springs; Bog Walk; Port Morant; Port Antonio (R.); Grand Cayman.

S. TENUIOR, L. Spec. 1753; Lam. Ill. i. 1791.
Eleuthera; Fortune Is.; Inagua; Lucea; Porus; Grand Cayman.

S. THYMOCEPHALA, (Griseb.). *Borrera*, Griseb. Cat. Pl. Cub. 1866.
Cat Is.; Crooked Is.; Fortune Is.

S. VERTICILLATA, L. Spec. 1753.
Blue Mt. Peak; Porus; Port Antonio.

Mitracarpus, Zucc. in Schult. Mant. iii. 1827.

M. VILLOSUS, (Sw.) Cham. & Schlecht. in Linnæa, 1828. *Spermacoce,* Sw. Obs. 1791.

Constant Springs; Porus.

Relbunium, Endl. Gen. 1838.

R. HYPOCARPIUM, (L.) Hemsl. B. C. A. ii. 1881. *Valantia hypocarpa,* L. Syst. x. 1759.

Blue Mt. Peak.

COMPOSITÆ.

Struchium, P. Br. Hist. Jam. 1756. *Sparganophorus,* Gærtn. Fr. ii. 1791; Vaill. Act. Ac. Par. 1719.

S. SPARGANOPHORUM, (L.) OK. Rev. Gen. 1891. *Ethulia,* L. Spec. Ed. 2, 1763. *Sparganophorus Vaillantii,* Gærtn. l. c.

Lucea.

Vernonia, Schreb. Gen. ii. 1791.

V. ACUMINATA, Less. in Linnæa, 1831.

Blue Mt. Peak.

V. ARBORESCENS, (L.) Sw. Fl. Ind. Occ. iii. 1806. *Conyza,* L. Syst. x. 1759.

Constant Springs; Blue Mts.; Porus; Grand Cayman.

Var. *divaricata,* (Sw.) Griseb. Fl. B. W. I. 1864. Constant Springs· Blue Mts. This seems scarcely a distinct variety.

V. BAHAMENSIS, Griseb. Fl. B. W. I. 1864.

Cat Is.; Inagua.

V. CINEREA, (L.) Less. in Linnæa. 1829. *Conyza,* L. Spec. 1753.

Kingston; Bog Walk; Port Morant; Porus.

Elephantopus, L. Gen. 1737; Vaill. Act. Acad. Par. 1719.

E. SCABER, L. Spec. 1753.

Blue Mts.; Bog Walk; Port Antonio; Porus.

E. SPICATUS, Juss. in Aubl. Pl. Guian. 1775.

Constant Springs; Bog Walk; Porus; Port Morant.

The Bog Walk specimens have narrow leaves and scabrous pubescence the others have broader leaves and villous pubescence.

Ageratum, L. Gen. 1737.

A. CONYZOIDES, L. Spec. 1753.
Blue Mt. Peak; Inagua; Port Antonio. The awnless form (*A. muticum*, Griseb. Fl. B. W. I. 1864), Blue Mt. Peak; Nassau; Fortune Is.

Eupatorium, L. Gen. 1737; Tourn. Inst. 1700.

E. AGERATIFOLIUM, DC. Prod. v. 1836.
Nassau.

E. CONYZOIDES, Vahl, Symb. iii. 1794.
Constant Springs; Port Morant; Grand Cayman.

E. DALEA, L. Syst. x. 1759.
Blue Mt. Peak.

E. NERVOSUM, Sw. Prod. 1788.
Lucea.

E. ODORATUM, L. Syst. x. 1759.
Porus.

E. PANICULATUM, Schrad. Ind. Sem. Hort. Gött. 1832.
Bog Walk; Porus; Port Antonio.

E. PARVIFLORUM, Sw. Prod. 1788.
Port Antonio.

E. REPANDUM, Willd. Spec. iii. 1803.
Crooked Is.

E. TRISTE, DC. Prod. v. 1836.
Blue Mt. Peak.

E. VILLOSUM, Sw. Prod. 1788.
Nassau; Cat Is.; Lucea; Porus; Grand Cayman.

Mikania, Willd. Spec. iii. 1803.

M. ORINOCENSIS, HBK. Nov. Gen. iv. 1820.
Kingston; Constant Springs; Blue Mts.; Port Morant; Porus; Lucea.

Solidago, L. Gen. 1737.

S. DOMINGENSIS, Spreng. Syst. iii. 1826.
Cat Is.; Fortune Is.; Inagua.

This agrees with Wr. Cub. Pl. 1314 and also with the description in Spreng. Syst. and DC. Prod. except that the inflorescence is corymbiform rather than racemose. It has the aspect of *Baccharis* but the flowers are perfect and small rays are present.

Aster lævis, L. Spec. 1753, cultivated Grand Cayman.

Erigeron, L. Gen. 1737.

E. Canadensis, L. Spec. 1753.
Nassau; Cat Is.

E. Jamaicensis, L. Syst. x. 1759.
Port Antonio; Porus.

E. rivularis, Sw. Prod. 1788.
Bog Walk.

Baccharis, L. Gen. 1737.

B. dioica, Vahl, Symb. iii. 1794.
Nassau; Eleuthera; Inagua.

DeCandolle changes the name to *B. Vahlii* (Prod. v. 1836) because, since all the species are diœcious, the name is inapplicable.

B. scoparia, (L.) Pers. Syn. ii. 1807. *Chrysocoma*, L. Syst. x. 1759.
Blue Mt. Peak.

Pluchea, Cass. Bull. Soc. Philom. 1817.

P. odorata, (L.) Cass. Dict. xliii. 1826. *Conyza*, L. Syst. x. 1759.
Inagua; Blue Mts.; Grand Cayman.

Gnaphalium, L. Gen. 1737.

G. albescens, Sw. Prod. 1788.
Blue Mt. Peak.

Clibadium, L. Mant. ii. 1771.

C. Alexandri, Griseb. Fl. B. W. I. 1864.
Blue Mts.; Blue Mt. Peak.

Parthenium, L. Gen. 1737.

P. Hysterophorus, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Inagua.

Iva, L. Hort. Upsal. 1748.

I. cheiranthifolia, HBK. Nov. Gen. iv. 1820.
Nassau; Grand Cayman.

Ambrosia, L. Gen. 1737; Tourn. Inst. 1700.

A. ARTEMISIÆFOLIA, L. Spec. 1753.
Nassau; Blue Mt. Peak.

A. HISPIDA, Pursh, Fl. 1814.
Nassau; Eleuthera; Crooked Is.; Grand Cayman.

Extensively creeping over the sand along the beach.

Xanthium, L. Gen. 1737; Tourn. Inst. 1700.

X. STRUMARIUM, L. Spec. 1753 (not *X. Canadense*, Mill. which has larger and more hispid fruit.)
Nassau.

Eupatoriophalacron, Adans. Fam. 1763; Vaill. Act. Acad. Par. 1720. *Eclipta*, L. Mant. ii. 1771.

E. ALBUM, (L.). *Eclipta alba*, Hassk. Pl. Jav. Rar. 1848. *Verbesina alba*, L. Spec. 1753.
Port Morant.

Borrichia, Adans. Fam. ii. 1763.

B. ARBORESCENS, (L.) DC. Prod. v. 1836. *Buphthalmium*, L. Syst. x. 1759.
Cat Is.; Crooked Is.; Fortune Is. Glabrate form.
Nassau; Grand Cayman. Canescent form.

Wedelia, Jacq. Pl. Carib. 1760.

W. BUPHTHALMOIDES, (DC.) Griseb. Fl. B. W. I. 1864.
Nassau; Eleuthera; Cat Is.

W. TRILOBATA, (L.). *Silphium trilobatum*, L. Syst. x. 1759. *W. carnosa*, Pers. Syn. ii. 1807.
Constant Springs; Bog Walk; Blue Mts. (R.); Port Morant; Port Antonio; Grand Cayman.

Eleutheranthera, Poit. Nouv. Dict. H. Nat. vii. 1803. *Ogiera*, Cass. Dict. xxxv. 1825.

E. RUDERALIS, (Sw.). *Melampodium ruderale*, Sw. Fl. Ind. Occ. iii. 1806. *Ogiera*, Griseb. Fl. B. W. I. 1864.
Eleuthera.

Helianthus annuus was observed at Port Antonio.

Amellus, P. Br. Hist. Jam. 1756 (not L. Syst. x. 1759). *Melanthera*, Rohr. in Danske Nat. Selsk. Skrivt. ii. 1792.

A. ASPERA, (Jacq.) O. Kuntze, Rev. Gen. Pl. 1891. *Calea*, Jacq. Coll. ii. 1788. *Melanthera deltoidea*, Michx. Fl. 1803.

Nassau; Eleuthera; Fortune Is.

Verbesina, L. Gen. 1737.

V. ENCELIOIDES, (Cav.) Benth. & Hook. Gen. Pl. (by implication). *Ximenesia*, Cav. Ic. rar. ii. 1793.

Eleuthera.

V. GIGANTEA, Jacq. Ic. rar. i. 1781–86.

Bog Walk.

Spilanthes, Jacq. Pl. Carib. 1760.

S. ULIGINOSA, Sw. Prod. 1788.

Lucea; Port Morant.

S. URENS, Jacq. Pl. Carib. 1760.

Port Morant; Port Antonio; Lucea.

Salmea, DC. Cat. H. Monspel. 1813.

S. PETROBOIDES, Griseb. Fl. B. W. I. 1864.

Grand Cayman.

S. SCANDENS, (L.) DC. Cat. H. Monsp. 1813. *Bidens*, L. Spec. 1753. *S. grandiceps*, Cass. Dict. xliii. 1827.

Blue Mts.; Blue Mt. Peak; Porus.

Ucacou, Adans. Fam. 1763. *Synadrella*, Gærtn. Fr. ii. 1791.

Cassini (Dict. Nat. Sc. xxix., p. 489, 1823) thinks that *Ucacou* should be rejected as it contained four other diverse species. It is one of the unfortunate provisions of the new system that such uncouth names as the above must be restored.

U. NODIFLORUM, (L.). *Verbesina nodiflora*, L. Spec. 1753. *Synadrella*, Gærtn. Fr. ii. 1791.

Nassau; Kingston; Port Morant; Porus; Grand Cayman.

Cosmos, Cav. Ic. rar. i. 1791.

C. CAUDATUS, HBK. Nov. Gen. iv. 1820.

Constant Springs; Blue Mts.; Port.Morant.

Bidens, L. Gen. 1737; Tourn. Inst. 1700.

B. BIPINNATA, L. Spec. 1753.

Nassau; Constant Springs; Grand Cayman.

B. LEUCANTHA, (L.) Willd. Spec. iii. 1801. *Coreopsis*, L. Spec. Ed. 2, 1763.
Nassau; Eleuthera; Bog Walk; Blue Mt. Peak; Porus.

B. PILOSA, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Grand Cayman.

B. REPTANS, (L.). *Coreopsis reptans*, L. Syst. x. 1759. *B. Coreopsidis*, DC. Prod. v. 1836.
Blue Mt. Peak.

Chrysanthellum, Rich. in Pers. Syn. ii. 1807.

C. AMERICANUM, (L.). *Anthemis Americana*, L. Spec. 1753. *C. procumbens*, Rich. l. c.
Port Morant; Lucea.

Pectis, L. Syst. x. 1759.

P. CUBENSIS, (Rich.) Griseb. Cat. Pl. Cub. 1866. "*Lorentia*, Rich."
Grand Cayman.

P. LINIFOLIA, L. Syst. x. 1759.
Nassau.

P. PLUMIERI, Griseb. Fl. B. W. I. 1864.
Lucea.

P. PUNCTATA, Jacq. Pl. Carib. 1760.
Lucea.

P. TENELLA, DC. Prod. v. 1836.
Lucea.

Emilia, Cass. Bull. Soc. Philom. 1817.

E. SONCHIFOLIA, (L.) DC. Prod. vi. 1837. *Cacalia*, L. Spec. 1753.
Nassau; Constant Springs; Bog Walk; Blue Mt. Peak; Porus; Lucea.

Senecio, L. Gen. 1737; Tourn. Inst. 1700.

S. DISCOLOR, (Sw.) DC. Prod. vi. 1837. *Cineraria*, Sw. Prod. 1788.
Porus.

Gynoxys, Cass. Dict. xliii. 1827.

G. INCANA, (Sw.) Less. Syn. 1832. *Cineraria*, Sw. Fl. Ind. Occ. iii. 1806.
Port Antonio.

Anastraphia, Don in Trans. Linn. Soc. xvi. 1830.

A. PAUCIFLOSCULA, Wr. in Herb. (Plate 12.)
Fortune Is.; Inagua; Crooked Is.

A shrub 1½ to 2 m. high. Leaves ovate or obovate, 2 cm. or less long, 1 cm. or less wide, coriaceous, glabrous and dull shining above, densely woolly tomentose beneath, margin entire or spiny denticulate, petiole about 2 mm. long. Heads terminating short leafy branches, narrow, about 5 mm. wide at the middle and about 2 cm. long. Involucral bracts gradually acuminate, more or less recurved spreading, striate, brownish, outer successively shorter. Pappus tawny.

Mr. Hemsley very kindly referred me to the herbarium name of Wright's, and I have since had the opportunity of seeing in Herb. Cambridge, No. 248 of the S. Domingo Comm. of Inquiry, which bears the above name. It differs from my specimens only in having more spinescent leaves, and involucral bracts acuminate but obtuse

Chaptalia, Vent. Hort. Cels. 1800.

C. NUTANS, (L.) Hemsley, Biol. C. A. ii. 1881 (Benth. & Hook. Gen. Pl. by implication?). *Tussilago*, L. Syst. x. 1759. *Leria*, DC. Ann. Mus. xix. 1812.
Nassau; Port Antonio; Porus.
Var. LEIOCARPA, (DC.). *Leria leiocarpa*, DC. Prod. vii. 2, 1838.
Lucea.

Trixis, P. Br. Hist. Jam. 1756.

T. FRUTESCENS, DC. Prod. vii. 2, 1838. *Inula Trixis*, L. Syst. x. 1759.
Blue Mts.

Lampsana, L. Gen. 1737; Tourn. Inst. 1700.

L. COMMUNIS, L. Spec. 1753.
Blue Mt. Peak.

Lactuca, L. Gen. 1737; Tourn. Inst. 1700.

L. INTYBACEA, Jacq. Ic. rar. i. 1781–86.
Inagua.
L. JAMAICENSIS, Griseb. Fl. B. W. I. 1864.
Blue Mt. Peak.

Sonchus, L. Gen. 1737; Tourn. Inst. 1700.

S. OLERACEUS, L. Spec. 1753.
Nassau; Eleuthera; Blue Mt. Peak.

GOODENOVIÆ.

Scævola, L. Mant. ii. 1771.

S. PLUMIERI, (L.) Vahl, Symb. ii. 1791. *Lobelia*, L. Spec. 1753. *Scævola Lobelia*, L. Syst. Veg. xiii. 1774.
Eleuthera; Crooked Is.

LOBELIACEÆ.

Isotoma, Lindl. Bot. Reg. xii. 1826.

I. LONGIFLORA, (L.) Presl, Prod. Lob. 1836. *Lobelia*, L. Spec. 1753.
Bog Walk; Blue Mts.

Lobelia, L. Gen. 1737.

L. ASSURGENS, L. Syst. x. 1759. *Tupa*, A. DC. in Prod. vii. 1, 1839.
Blue Mt. Peak.

L. CLIFFORTIANA, Willd. Spec. iii. 1800.
Port Antonio.

L. ENSIFOLIA, (A. DC.). *Tupa*, A. DC. Prod. vii. 1, 1839.
Port Antonio.

L. MARTAGON, (Griseb.). *Tupa*, Griseb. Fl. B. W. I. 1864.
Blue Mt. Peak.

ERICACEÆ.

Clethra, L. Gen. 1737.

C. OCCIDENTALIS, (L.) Steud. Nomen. 1841. "*Tinus occident.*" L. Syst. x. 1759. *C. tinifolia*, Sw. Fl. Ind. Occ. ii. 1800. *C. trifolia*, Sw. Prod. 1788 (probably a misprint for *tinifolia*).
Blue Mt. Peak.

PLUMBAGINACEÆ.

Plumbago, L. Gen. 1737; Tourn. Inst. 1700.

P. SCANDENS, L. Spec. Ed. 2, 1762.
Nassau; Kingston; Constant Springs.

P. Capensis, Thunb. Prod. Cap. i. (1794?) Lucea, cultivated.

MYRSINEÆ.

Myrsine, L. Gen. 1737.

M. LÆTA, (Sw.) A. DC. Trans. Linn. Soc. xvii. 1834. *Samara,* Sw. Prod. 1788.
Blue Mt. Peak.

Jacquinia, L. Amœn. Acad. v. 1759.

J. ARMILLARIS, Jacq. Pl. Carib. 1760.
Nassau; Eleuthera; Cat Is.; Crooked Is.

SAPOTACEÆ.

Chrysophyllum, L. Gen. 1737.

C. CAINITO, L. Spec. 1753.
Blue Mts. at Gordontown.

C. OLIVIFORME, Lam. Dict. i. 1783.
Port Antonio.

Achras Sapota, L. Spec. 1753. Cultivated, Nassau; Lucea.

Bumelia, Sw. Prod. 1788.

B. RETUSA, Sw. l. c.
Cat Is.

Pedicels 2 to 4 mm. long.

Dipholis, A. DC. Prod. viii. 1844.

D. SALICIFOLIA, (L.) A. DC. Prod. viii. 1844. *Achras,* L. Spec. Ed. 2, 1762.
Lucea.

Mimusops, L. Amœn. Acad. i. 1749.

M. SIEBERI, A. DC. Prod. viii. 1844.
Crooked Is.; Fortune Is.

EBENACEÆ.

Diospyros, L. Gen. 1737.

D. HALESIOIDES, Griseb. Cat. Pl. Cub. 1866.
Eleuthera; Fortune Is.

D. TETRASPERMA, Sw. Prod. 1788.
Lucea.

APOCYNACEÆ.

Vinca, L. Gen. 1737.

V. ROSEA, L. Syst. x. 1759.
Nassau.

Plumeria, L. Gen. 1737; Tourn. Inst. 1700.

P. EMARGINATA, Griseb. Cat. Pl. Cub. 1866.
Eleuthera.

P. OBTUSA, L. Spec. 1753.
Cat Is.; Fortune Is.; Inagua; Grand Cayman.

P. SERICIFOLIA, Wr. in Griseb. Cat. Pl. Cub. 1866.
Inagua.

P. rubra, L. Spec. 1753. Cult. Port Antonio.

Tabernæmontana, L. Gen. 1737; Plum. Gen. 1703.

T. CITRIFOLIA, L. Spec. 1753.
Lucea; Grand Cayman.

Echites, P. Br. Hist. Jam. 1756.

E. ANDREWSII, Chapm. Fl. 1860. *E. neriandra*, Griseb. Fl. B. W. I. 1864.
Nassau; Eleuthera; Cat Is.; Watling's; Port Royal.

E. BARBATA, Desv. in Hamilt. Prod. Pl. Ind. Occ. 1825.
Port Morant.

E. Brownei, J. Müll.
Constant Springs; Bog Walk; Lucea.

E. PALUDOSA, Vahl, Eclog. ii. 1798.
Port Morant; Port Antonio; Grand Cayman.

E. SAGRÆI, A. DC. Prod. viii. 1844.
Nassau.

E. SUBERECTA, Jacq. Pl. Carib. 1760.
Eleuthera; Watling's; Fortune Is.; Crooked Is.; Inagua.

E. UMBELLATA, Jacq. Pl. Carib. 1760.
Nassau; Eleuthera; Cat Is.; Fortune Is.; Crooked Is.; Inagua; Port Royal; Bog Walk.

E. sp.
Port Antonio.

Near *E. paludosa*. Stem stout, sparsely hirsute; leaves oblong to oblanceolate, abruptly pointed, leathery, shining above, pubescent on veins beneath, narrowed to a very short petiole; calyx lobes oblong, about 8 mm. long; corolla campanulate above a cylindrical base, narrow part 3½ cm. long, total length of corolla 7½ cm.

ASCLEPIADACEÆ.

Calotropis, R. Br. Mem. Wern. Soc. i. 1809.

C. PROCERA, (Ait.) R. Br. in Ait. Hort. Kew. Ed. 2, ii. 1811. *Asclepias*, Ait. Hort. Kew. 1789.
Fortune Is.

Asclepias, L. Gen. 1737; Tourn. Inst. 1700.

A. CURASSAVICA, L. Spec. 1753.
Nassau; Constant Springs; Blue Mts. (R.); Port Antonio (R.); Porus; Grand Cayman.

A. NIVEA, L. Spec. 1753.
Bog Walk; Porus.

Metastelma, R. Br. in Mem. Wern. Soc. i. 1809.

M. SCHLECTENDAHLII, Decsn. in DC. Prod. viii. 1844.
Eleuthera; Fortune Is.; Inagua.

Vincetoxicum, Walt. Fl. Car. 1788; Rupp. Fl. Jen. 1718.

V. PALUSTRE, (Pursh) Gray, Syn. Fl. ii. 1, 1886. *Cercopegia*, Pursh, Fl. 1814. *Seuteria maritima*, Decsn. in DC. Prod. viii. 1844.
Fortune Is.; Inagua.

Sarcostemma, R. Br. in Mem. Wern. Soc. i. 1809.

S. CLAUSA, (Jacq.) Roem. & Sch. Syst. vi. 1820. *Cynanchum*, Jacq. Pl. Carib. 1760. *S. Brownei*, Mey. Esseq. 1818.
Blue Mts.

Grisebach thinks that *C. clausum*, Jacq. agrees better with *S. glaucum*, HBK. but my plant agrees well with description and plate in Jacq. Stirp. Amer. p. 84. t. 60, fig. 2.

LOGANIACEÆ.

Spigelia, L. Gen. 1837.

S. ANTHELMIA, L. Spec. 1753.
Eleuthera; Fortune Is.; Port Morant; Port Antonio (R.); Lucea.

Mitreola, L. Gen. 1737.

M. PETIOLATA, Torr. & Gray, Fl. ii. 1841. *Ophiorrhiza Mitreola*, L. Spec. 1753.

Lucea.

Polypremum, L. Act. Soc. Ups. 1741.

P. PROCUMBENS, L. Spec. 1753.

Inagua.

GENTIANACEÆ.

Leianthus, Griseb. Gent. 1839.

L. LONGIFOLIUS, (L.) Griseb. l. c. *Lisianthus*, L. Mant. i. 1767.

Bog Walk.

Var. SCABRIDUS, Griseb. l. c.

Blue Mt. Peak; Port Morant.

HYDROPHYLLACEÆ.

Nama, L. Amoen. Acad. i. 1749.

N. JAMAICENSIS, L. Syst. x. 1759.

Porus; Grand Cayman.

BORRAGINEÆ.

Cordia, L. Gen. 1737; Plum. Gen. 1703.

C. CALLOCOCCA, L. Spec. Ed. 2, 1762.

Lucea; Grand Cayman.

C. CYLINDROSTACHYA, (Ruiz & Pav.) Roem. & Sch. Syst. iv. 1819. *Varronia*, Ruiz & Pav. Fl. ii. 1799.

Port Morant.

C. GLOBOSA, (L.) HBK. Nov. Gen. iii. 1818. *Varronia*, L. Spec. Ed. 2, 1762.

Watling's; Constant Springs; Port Morant; Port Antonio; Lucea; Porus; Grand Cayman.

C. LINEATA, (L.) Desv. in Jour. Bot. i. 1808. *Varronia*, L. Syst. x. 1759. *C. ulmifolia*, "Juss. in cours. bot. cult. ed. iv. 2, p. 148" (ex. DC. Prod.); Spreng. Syst. i. 1825.

Constant Springs; Blue Mts.

C. Sebestena, L. Spec. 1753.
Nassau; Inagua; Grand Cayman.

C. sp.
Nassau; Eleuthera; Cat Is.; Watling's; Fortune Is.; Inagua.

Low shrub; branches scabrous with white papillæ; leaves elliptical, entire or the larger rarely few serrate, apex acute, narrowed at base into a short petiole, very scabrous both sides, margin revolute, 3 to 5 cm. long, ¾ to 2 cm. wide; flowers in globose heads, peduncle 1½ to 3 cm. long; calyx hispid, lobes deltoid, becoming acuminate; fruit exserted from the scarcely enlarged calyx for ½ its length. Differs from *C.Lima* in longer peduncled heads, white and more scabrous pubescence on branches and narrower leaves; from this and also *C. pedunculosa*, Wr. (ex descr.) in having the fruit exserted.

Bourreria, P. Br. Hist. Jam. 1756.

B. Havanensis, (Willd.) Miers, Bot. Contr. ii. 1869.
Ehretia, Willd. in Roem. & Sch. Syst. iv. 1819.
Nassau; Eleuthera; Cat Is.; Crooked Is.; Fortune Is.; Grand Cayman.

Tournefortia, L. Gen. 1737.

T. bicolor, Sw. Prod. 1788.
Var. lævigata, (Lam.) Griseb. Fl. B. W. I. 1864.
T. loevigata, Lam. Ill. i. 1791.
Port Morant.

T. cymosa, L. Spec. Ed. 2, 1762.
Bog Walk; Blue Mts. (R.)

T. ferruginea, Lam. Ill. i. 1791.
Kingston.

T. gnaphalodes, (Jacq.) R. Br. Prod. 1810 (by implication only). *Heliotropium*, Jacq. Pl. Carib. 1760.
Nassau; Eleuthera; Watling's; Inagua; Grand Cayman.

T. hirsutissima, L. Spec. 1753.
Blue Mts.

T. poliochros, Spreng. Syst. i. 1825.
Fortune Is.

T. volubilis, L. Spec. 1753.
Nassau; Eleuthera; Inagua.

These are the small leaved forms (Wr. Pl. Cub. 3131).

Heliotropium, L. Gen. 1737; Tourn. Inst. 1700.

H. CURASSAVICUM, L. Spec. 1753.
Nassau; Cat Is.; Fortune Is.; Inagua.

H. INDICUM, L. Spec. 1753.
Port Morant; Lucea.

H. INUNDATUM, Sw. Prod. 1788.
Fortune Is.; Inagua.

H. MICROPHYLLUM, Sw. ex Griseb. Fl. and DC. Prod.
Inagua.

H. PARVIFLORUM, L. Mant. ii. 1771.
Nassau; Eleuthera; Cat Is.; Inagua; Kingston; Grand Cayman.

CONVOLVULACEÆ.

Ipomoea, L. Gen. 1737.

I. BONA-NOX, L. Spec. Ed. 2, 1762.
Bog Walk.

I. FASTIGIATA, Sweet, Hort. Brit. Ed. 2, 1830.
Bog Walk; Port Morant; Lucea; Porus; Grand Cayman.

I. JAMAICENSIS, (Spreng.) Don, Gen. Syst. iv. 1838. *Convolvulus,* Spreng. Syst. i. 1825.
Eleuthera; Grand Cayman.

I. MICRODACTYLA, Griseb. Cat. Pl. Cub. 1866.
Nassau; Eleuthera.

I. PENTAPHYLLA, (L.) Jacq. Coll. ii. 1788. *Convolvulus,* L. Spec. Ed. 2, 1762.
Kingston; Porus.

I. PES-CAPRÆ, (L.) Sweet, H. Sub. Lond. 1818. *Convolvulus,* L. Spec. 1753.
Nassau; Fortune Is.; Inagua.

I. PURPUREA, (L.) Lam. Ill. i. 1791. *Convolvulus,* L. Spec. Ed. 2, 1762.
Kingston; Constant Springs.

I. QUINQUEFOLIA, (L.) Griseb. Fl. B. W. I. 1866. *Convolvulus,* L. Syst. x. 1759.
Constant Springs; Bog Walk.

I. REPANDA, Jacq. Pl. Carib. 1760.
Eleuthera; Cat Is.; Fortune Is.

I. SIDÆFOLIA, (HBK.) Choisy, Conv. Or. 1834. *Convolvulus*, HBK. Nov. Gen. iii. 1818.
Constant Springs; Port Morant; Porus; Lucea.

I. SINUATA, Ort. Dec. vii. *I. dissecta*, Pursh. Fl. 1814 (non Willd. Spec. i. 1797).
Nassau; Eleuthera; Porus; Grand Cayman.

I. TRILOBA, L. Spec. 1753.
Nassau; Eleuthera; Fortune Is.; Inagua; Grand Cayman.

I. TUBA, (Schl.) Don, Gen. Syst. iv. 1838. *Convovulus*, Schlecht. Linnæa, vi. 1831.
Nassau; Grand Cayman.

I. UMBELLATA, (L.) Mey. Esseq. 1818. *Convolvulus*, L. Spec. 1753.
Bog Walk; Port Morant; Lucea.

Convolvulus, L. Gen. 1737; Tourn. Inst. 1700.

C. JAMAICENSIS, Jacq. Obs. iii. 1764–71.
Nassau; Eleuthera; Cat Is.; Crooked Is.
A narrow leaved and canescent form: Fortune Is.; Inagua.

Jacquemontia, Choisy in Mem. Soc. Genev. vi. 1833.

J. PENTANTHA, (Jacq.) Don, Gen. Syst. iv. 1838. *Convolvulus*, Jacq. Ic. Rar. ii. 1786–93. *C. violaceus*, Vahl, Symb. iii. 1794.
Lucea.

Evolvulus, L. Spec. Ed. 2, 1762.

E. ALSINOIDES, L. Spec. Ed. 2, 1762.
Eleuthera; Cat Is.; Fortune Is.; Inagua.

E. ARBUSCULUS, Poir. Dict. Suppl. iii. 1813.
Eleuthera; Fortune Is.; Inagua.

E. NUMMULARIUS, (L.) L. Spec. Ed. 2, 1762. *Convolvulus*, L. Spec. 1753.
Nassau; Eleuthera; Lucea.

Cuscuta, L. Gen. 1737.

C. AMERICANA, L. Spec. 1753.
Eleuthera; Kingston.

C. OBTUSIFLORA, HBK., var. GLANDULOSA, Engelm. in Trans. Acad. Sci. St. L. i. 1859.
Lucea.

SOLANACEÆ.

Solanum, L. Gen. 1737; Tourn. Inst. 1700.

S. ACULEATISSIMUM, Jacq. Coll. i. 1786.
Nassau; Lucea.

S. BAHAMENSE, L. Spec. 1753.
Nassau.

Var. LANCEOLATUM, Griseb. Fl. B. W. I. 1864.
Nassau; Eleuthera; Cat Is. (R.); Crooked Is.; Watling's; Port Royal

S. IGNEUM, L. Spec. 1753.
Watling's.

S. JAMAICENSE, Sw. Fl. Ind. Occ. i. 1797.
Lucea.

S. NIGRUM, L. var. NODIFLORUM, (Jacq.) Gray, Syn. Fl. ii. 1, 1886. *S. nodiflorum*, Jacq. Ic. Rar. ii. 1786.
Blue Mt. Peak; Porus.

Var. OLERACEUM, (Rich.). *S. oleraceum*, Rich. in Dunal, Prod. xiii, 1, 1852.
Nassau; Inagua; Bog Walk; Lucea; Grand Cayman.

S. SCABRUM, Vahl, Eclog. i. 1796.
Grand Cayman.

S. SEAFORTHIANUM, Andr. Bot. Rep. t. 504, 1808.
Porus; Lucea.

S. TORVUM, Sw. Prod. 1788.
Nassau; Blue Mts.; Constant Springs; Port Antonio; Lucea; Porus.

S. VERBASCIFOLIUM, L. Spec. 1753.
Nassau; Eleuthera (R).

Physalis, L. Gen. 1737.

P. ANGULATA, L. Spec. 1753.
Kingston; Port Morant; Lucea; Grand Cayman.

P. PUBESCENS, L. Spec. 1753.
Kingston; Blue Mt. Peak.

Capsicum, L. Gen. 1737; Tourn. Inst. 1700.

C. FRUTESCENS, L. Spec. 1753.
Inagua; Constant Springs; Lucea; Kingston.

Datura, L. Gen. 1737.

D. FASTUOSA, L. Syst. x. 1759.
Cat Is.

D. METEL, L. Spec. 1753.
Inagua.

D. SUAVEOLENS, Humb. & Bonpl. in Willd. Enum. 1809.
Blue Mts.

Cestrum, L. Gen. 1737.

C. NOCTURNUM, L. Spec. 1753.
Port Antonio.

C. PALLIDUM, Lam. Dict. i. 1783.
Nassau; Cat Is.; Constant Springs; Blue Mts.; Port Morant; Port Antonio.

Nicotiana Tabacum, L. Spec. 1753. Cult. Lucea.

Browallia, L. Gen. 1753.

B. DEMISSA, L. Syst. x. 1759.
Blue Mts.

Brunfelsia, L. Gen. 1737.

B. JAMAICENSIS, (Benth.) Griseb. Fl. B. W. I. 1864. *B. nitida*, var., Benth. in DC. Prod. x. 1846.
Blue Mt. Peak.

SCROPHULARINEÆ.

Calceolaria, L. Mant. ii. 1771; Feuillé, Obs. iii. 1825.

C. SCABIOSÆFOLIA, Sims, Bot. Mag. 1828.
Blue Mts. abundant in springy ground on the road not far above Abbey Green.

Antirrhinum, L. Gen. 1737; Tourn. Inst. 1700.

A. ANTIRRHINIFLORA, (Willd.). *Maurandia*, Willd. Enum. 1809. *A. maurandioides*, Gray, Proc. Am. Acad. vii. 1867.

Nassau. Probably escaped.

Maurandia, Ort. Dec. ii. 1797.

M. ERUBESCENS, (Don) Gray, Proc. Am. Acad. vii. 1868. *Lophospermum*, Don in Sweet, Br. Fl. Gard. 1830.

Blue Mts. abundant from 1000 to 3000 ft.

Russelia, Jacq. Pl. Carib. 1760.

R. JUNCEA, Zucc. in Flora, 1832.

Grand Cayman, naturalized.

Stemodia, L. Syst. x. 1759.

S. DURANTIFOLIA, (L.) Sw. Obs. 1791. *Capraria*, L. Syst. x. 1759.

Cat Is.; Kingston; Port Morant.

S. MARITIMA, L. Syst. x. 1759.

Nassau; Eleuthera; Grand Cayman.

Moniera, P. Br. Hist. Jam. 1756. *Herpestis*, Gaærtn. Fr. iii. 1805.

M. BROWNEI, Pers. Syn. ii. 1807. *Gratiola Monnieria*, L. Syst. x. 1759. *Herpestis Monnieria*, HBK. Nov. Gen. ii. 1817.

Cat Is.; Kingston; Port Antonio.

Scoparia, L. Spec. 1753.

S. DULCIS, L. Spec. 1753.

Port Morant; Lucea; Porus.

Var. TENUIFOLIA, Griseb. Fl. B. W. I. 1864.

Kingston.

Capraria, L. Gen. 1737.

C. BIFLORA, L. Spec. 1753.

Nassau; Cat Is.; Lucea; Grand Cayman.

Var. PILOSA, Griseb. Fl. B. W. I. 1864.

Watling's; Fortune Is.; Inagua.

Scarcely more than a form.

Veronica, L. Gen. 1737; Tourn. Inst. 1700.

V. SERPYLLIFOLIA, L. Spec. 1753.
Blue Mt. Peak.

Buchnera, L. Gen. 1737.

B. ELONGATA, Sw. Prod. 1788.
Port Antonio.

GESNERACEÆ.

Achimenes, P. Br. Hist. Jam. 1756.

A. PULCHELLA, (L 'Her.). *Cyrilla*, L 'Her. Stirp. Nov. 1784. *A. coccinea*, Pers. Syn. ii. 1807.
Blue Mts.

Pentaraphia, Lindl. Bot. Reg. xiii. 1827.

P. CALYCOSA, (Hook.) Decsn. in Ann. Sci. Nat. 1846. *Conradia*, Hook. Ic. vii. 1844.
Blue Mt. Peak.

P. SLOANEI, (DC.). *Conradia*, DC. Prod. vii. 1839. *Gesneria acaulis*, L. Spec.?
Bog Walk.

Rytidophyllum, Mart. Nov. Gen. iii. 1829.

R. TOMENTOSUM, (L.) Mart. l. c. *Gesnera*, L. Spec. 1753.
Blue Mts.; Port Antonio.

Columnea, L. Syst. Nat. Ed. 2, 1740; Plum. Gen. 1703.

C. TINCTA, Griseb. Pl. Wr. ii. 1862.
Blue Mt. Peak.

Besleria, L. Gen. 1737; Plum. Gen. 1703.

B. LUTEA, L. Spec. 1753.
Blue Mt. Peak; Port Antonio.

BIGNONIACEÆ.

Catalpa, Scop. Introd. 1777.

C. LONGISSIMA, (Jacq.) Sims, Bot. Mag. 1808. *Bignonia*, Jacq. Pl. Carib. 1760.
Cat Is.; Constant Springs; Kingston (cult.).

Tabebuia, Gomez, Obs. ii. 1803.

T. LEUCOXYLON, (L.) DC. Prod. ix. 1845. *Bignonia*, L. Spec. 1753.

Eleuthera; Cat Is.

T. PENTAPHYLLA, (Juss.) Hemsl. Biol. C. A. ii. 1882. *Tecoma*, Juss. Gen. 1789. *Bignonia*, L. Spec.?

Lucea; Grand Cayman.

Tecoma, L. Gen. 1737.

T. STANS, (L.) Juss. Gen. 1789. *Bignonia*, L. Spec. Ed. 2, 1763.

Nassau; Inagua; Constant Springs.

Tecoma Capensis, (Thunb.) Lindl. Bot. Reg. 1828. *Bignonia*, Thunb. Prod. 1794–1800. Blue Mt. Peak, probably escaped.

Jacaranda, Juss. Gen. 1789.

J. CŒRULEA, (L.) Griseb. Fl. B. W. I. 1864. *Bignonia*, L. Spec. 1753.

Cat Is.

Crescentia, L. Gen. 1737.

C. CUJETE, L. Spec. 1753.

Kingston.

PEDALINEÆ.

Sesamum orientale, L. Spec. 1753. Eleuthera, cult. and escaped.

ACANTHACEÆ.

Thunbergia, Retz, Act. Lund, i. 1776.

T. ALATA, Bojer in Hook. Exot. Fl. iii. 1827.

Nassau; Constant Springs; Bog Walk; Porus.

T. FRAGRANS, Willd. Spec. iii. 1800.

Blue Mts.; Constant Springs; Port Morant.

Ruellia, L. Gen. 1737; Plum. Gen. 1703.

R. CLANDESTINA, L. Spec. p. 634, 1753. *R. tuberosa*, L. l. c. p. 635.

Kingston; Port Morant; Lucea; Grand Cayman.

Blechum, P. Br. Hist. Jam. 1756.

B. BLECHIOIDES, (Sw.). *Ruellia*, Sw. Prod. 1788. *B. laxiflorum*, Juss. Ann. Mus. ix. 1807

Port Morant.

B. BROWNEI, Juss. Ann. Mus. ix. 1807. *Ruellia Blechum*, L. Amoen. Acad. v. 1760.
Nassau; Port Morant; Lucea; Porus; Grand Cayman.

Andrographis, Nees in Wall. Pl. As. Rar. iii. 1832.

A. PANICULATA, (Burm.) Nees l. c. 1832. *Justicia*, Burm. Fl. Ind. 1768.
Kingston.

Beloperone, Nees in Wall. l. c.

B. NEMOROSA, (Sw.) Nees in DC. Prod. xi. 1847. *Justicia*, Sw. Prod. 1788.
Lucea.

Dianthera, Gronov. Fl. Virg. 1739.

D. COMATA, L. Syst. x. 1759.
Lucea.

D. SECUNDA, (Vahl) Griseb. Fl. B. W. I. 1864. *Justicia*, Vahl, Symb. ii. 1791.
Lucea.

MYOPORINEÆ.

Bontia, L. Gen. 1737; Plum. Gen. 1703.

B. DAPHNOIDES, L. Spec. 1753.
Grand Cayman.

VERBENACEÆ.

Lantana, L. Gen. 1737.

L. CAMARA, L. Spec. 1753.
Watling's; Bog Walk; Lucea; Porus; Grand Cayman.

L. CROCEA, Jacq. Hort. Schoen. iv. 1804.
Nassau; Eleuthera; Cat Is.; Lucea.

L. INVOLUCRATA, L. Amoen. Acad. iv. 1759.
Nassau; Eleuthera; Cat Is.; Watling's; Fortune Is.; Crooked Is.; Inagua.

L. LILACINA, Desf. Cat. Hort. Par. Ed. 3, 1829.
Blue Mt. Peak; Port Morant; Constant Springs.

L. STRICTA, Sw. Prod. 1788.
Kingston; Blue Mts.; Blue Mt. Peak; Grand Cayman.

L. TRIFOLIA, L. Spec. 1753.
Bog Walk; Port Morant.

Lippia, L. Gen. 1737.

L. NODIFLORA, (L.) Michx. Fl. 1803. *Verbena*, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Inagua; Port Morant; Porus; Grand Cayman.

Bouchea, Cham. in Linnæa, vii. 1832.

B. PRISMATICA, (L.) OK. Rev. Gen. 1891. *Verbena*, L. Spec. 1753. *B. Ehrenbergii*. Cham. l. c.
Kingston; Port Royal.

Abena, Neck. Elem. Bot. i. 1790. *Stachytarpheta*, Vahl, Enum. i. 1804.

A. CAYENNENSIS, (Vahl). *Stachytarpheta*, Vahl, Enum. i. 1804.
Blue Mts. (R).

A. JAMAICENSIS, (L.). *Verbena*, L. Spec. 1753. *Stachytarpheta*, Vahl, l. c.
Nassau; Eleuthera; Cat Is.; Fortune Is.; Inagua; Constant Springs; Port Morant; Porus; Grand Cayman.

Priva, Adans. Fam. 1763.

P. LAPPULACEA, (L.) Pers. Syn. ii. 1807. *Verbena*, L. Spec. 1753. *P. echinata*, Juss. Ann. Mus. vii. 1806.
Eleuthera; Inagua; Kingston; Porus; Grand Cayman.

Verbena, L. Gen. 1737; Tourn. Inst. 1700.

V. BONARIENSIS, L. Spec. 1753.
Blue Mts.

V. URTICIFOLIA, L. Spec. 1753.
Port Antonio.

Citharexylon, Juss. in Linn. Amoen. Acad. i. 1749.

C. VILLOSUM, Jacq. Ic. Rar. i. 1781–86.
Nassau; Cat Is.; Lucea.

Duranta, L. Gen. 1737.

D. REPENS, L. Spec. 1753. *D. Plumieri*, Jacq. Pl. Carib. 1760.

Nassau; Eleuthera; Blue Mt. Peak; Grand Cayman.

In the first edition of the Spec. Pl., Linnæus uses the phrases "Duranta spinosa" and "Duranta inermis" for the two species, but the marginal (specific) names are *repens* and *erecta*. These are, however, quite generally quoted as *D. spinosa* and *D. inermis*, and even by Linnæus himself (Spec. Ed. 2, p. 888).

Callicarpa, L. Act. Soc. Ups. 1741.

C. FULVA, Rich. (ex. Griseb. Cat. Pl. Cub.)
Cat Is.

Ægiphila, Jacq. Obs. ii. 1767.

Æ. ELATA, Sw. Prod. 1788.
Port Morant; Grand Cayman, downy form.

Petitia, Jacq. Pl. Carib. 1760.

P. DOMINGENSIS, Jacq. l. c.
Grand Cayman.

P. PŒPPIGII, Schau in DC. Prod. xi. 1847.
Eleuthera.

These two species seem not sufficiently distinct.

Ovieda, L. Gen. 1737, p. 59. *Clerodendron*, L. Gen. 1737, p. 186.

O. ACULEATA, (L.). *Volkameria*, L. Spec. 1753. *Clerodendron*, Griseb. Fl. B. W. I. 1864.
Grand Cayman.

Avicennia, L. Gen. 1737.

A. NITIDA, Jacq. Pl. Carib. 1760.
Fortune Is.; Port Morant.

LABIATÆ.

Ocymum, L. Gen. 1737; Tourn. Inst. 1700.

O. MICRANTHUM, Willd. Enum. 1809.
Lucea; Bog Walk.

Hyptis, Jacq. Coll. i. 1786.

H. CAPITATA, Jacq. Ic. Rar. i. 1781–86.
Bog Walk; Blue Mts.

H. PECTINATA, (L.) Poit. Ann. Mus. Par. vii. 1806. *Nepeta*, L. Syst. x. 1759.

Inagua; Constant Springs; Port Morant; Port Antonio; Bog Walk; Porus; Grand Cayman.

H. SUAVEOLENS, (L.) Poit. l. c. *Ballota*, L. l. c.
Eleuthera; Porus; Lucea.

H. VERTICILLATA, Jacq. Ic. Rar. i. 1781–86.
Constant Springs; Port Morant.

Salvia, L. Gen. 1737; Tourn. Inst. 1700.

S. COCCINEA, L. f. Suppl. p. 88, 1781.
Lucea.

Quoted sometimes as "L. Mant. p. 88."

S. OCCIDENTALIS, Sw. Prod. 1788.
Constant Springs; Blue Mts.; Kingston; Porus; Grand Cayman.

S. SEROTINA, L. Mant. i. 1767.
Eleuthera; Cat Is.; Watling's; Inagua; Grand Cayman.

S. TENELLA, Sw. Prod. 1788.
Eleuthera (R).

Scutellaria, L. Gen. 1737; Herm. Hort. Lugd. Bat. 1687.

S. PURPURASCENS, Sw. Prod. 1788.
Eleuthera.

Stachys, L. Gen. 1737; Tourn. Inst. 1700.

S. ARVENSIS, L. Spec. Ed. 2, 1763.
Blue Mt. Peak.

Anisomeles, R. Br. Prod. 1810.

A. INDICA, (L.) OK. Rev. Gen. 1891. *Nepeta*, L. Spec. 1753. *Ballota disticha*, L. Mant. ii. 1767.
Port Morant.

Leonurus, L. Gen. 1737.

L. SIBIRICUS, L. Spec. 1753.
Nassau; Porus; Blue Mts.

Leonotis, (Pers.) R. Br. Prod. 1810 (proposed by Persoon Syn. ii. 1807.)

L. NEPETÆFOLIA, (L.) R. Br. l. c. *Phlomis*, L. Spec. 1753.
Nassau; Eleuthera; Inagua; Porus; Kingston.

Persoon l. c. includes this in his proposed genus.

Teucrium, L. Gen. 1737; Tourn. Inst. 1700.

T. CUBENSE, L. Mant. i. 1767.
Cat Is.; Inagua.

T. INFLATUM, Sw. Prod. 1788.
Port Morant; Port Antonio.

PLANTAGINEÆ.

Plantago, L. Gen. 1737; Tourn. Inst. 1700.

P. MAJOR, L. Spec. 1753.
Blue Mt. Peak.

NYCTAGINEÆ.

Mirabilis, L. Gen. 1737; Rupp. Fl. Jen. 1718.

M. JALAPPA, L. Spec. 1753.
Nassau; Fortune Is.

Boerhaavia, L. Gen. 1737; Vaill. Sex. 1718.

B. CARIBÆA, Jacq. Obs. 1764–71. *B. hirsuta*, Willd. Phyt. 1794.
Kingston; Porus; Grand Cayman.

B. PANICULATA, Rich. Act. Soc. H. N. Par. i. 1792.
Nassau; Eleuthera; Porus.

B. SCANDENS, L. Spec. 1753.
Eleuthera; Kingston.

Bougainvillea spectabilis, Willd. Spec. ii. 1799 is cultivated.

Pisonia, L. Gen. 1737; Plum. Gen. 1703.

P. ACULEATA, L. Spec. 1753.
Lucea.

P. DISCOLOR, Spreng. Syst. ii. 1825.
Eleuthera; Cat Is.

P. OBTUSATA, Sw. Fl. Ind. Occ. iii. 1806.
Nassau; Crooked Is.

AMARANTACEÆ.

Celosia, L. Gen. 1737.

C. PANICULATA, L. Spec. 1753. *C. nitida*, Vahl, Symb. ii. 1791.
Kingston; Port Antonio (R).

Chamissoa, HBK. Nov. Gen. ii. 1817.

C. ALTISSIMA, (Jacq.) HBK. l. c. *Achyranthes*, Jacq. Pl. Carib. 1760.

Blue Mts.; Port Morant; Port Antonio; Porus.

Amaranthus, L. Gen. 1737; Tourn. Inst. 1700.

A. CRASSIPES, Schlect. in Linnæa, vi. 1831.

Kingston.

A. GRACILIS, Desf. Cat. H. Par. Ed. 1, 1804.

Eleuthera; Fortune Is.; Grand Cayman.

A. PANICULATUS, L. Spec. Ed. 2, 1763.

Fortune Is.

A. POLYGONOIDES, L. Pug. Jam. 1759.

Eleuthera; Inagua; Kingston.

A. SPINOSUS, L. Spec. 1753.

Nassau; Kingston.

A. TRISTIS, L. Spec. 1753.

Port Morant; Grand Cayman.

Cyathula, Lour. Fl. Coch. i. 1790.

C. PROSTRATA, (L.) Blume, Bijdr. 1825–26. *Amaranthus*, L. Spec. Ed. 2, 1762.

Lucea.

Achyranthes, L. Gen. 1737.

A. ASPERA, L., var. OBTUSIFOLIA, (Lam.) Griseb. Fl. B. W. I. 1864. *A. obtusifolia*, Lam. Dict. i. 1783.

Nassau; Kingston; Lucea; Porus (type); Grand Cayman.

Telanthera, R. Br. in Tuck. Congo. 1818.

T. POLYGONOIDES, (L.) Moq. in DC. Prod. xiii. 2, 1849. *Illecebrum*, L. Spec. Ed. 2, 1762.

Kingston; Port Morant.

Style nearly as long as ovary; sepals only villous below, scarcely pointed.

Alternanthera, Forsk. Fl. Aeg. & Arab. 1775.

A. REPENS, (L.) OK. Rev. Gen. 1891. *Achyranthes repens*, L. Spec. 1753. *Alternanthera Achyrantha*, R. Br. Prod. 1810.

Nassau; Kingston; Porus.

Style very short, sepals hispid, pungently pointed.

A. MUSCOIDES, (Sw.). *Lithophila*, Sw. Fl. Ind. Occ. i. 1797.

Inagua.

Philoxerus, R. Br. Prod. 1810.

P. VERMICULARIS, (L.) R. Br. Prod. 1810. *Gomphrena*, L. Spec. 1753.

Eleuthera; Port Royal; Port Antonio; Grand Cayman.

Iresine, P. Br. Hist. Jam. 1756.

I. CELOSIOIDES, L. Spec. Ed. 2, 1763.

Nassau; Eleuthera; Cat Is.; Watling's; Blue Mt. Peak; Porus; Lucea; Grand Cayman.

CHENOPODIACEÆ.

Chenopodium, L. Gen. 1737; Tourn. Inst. 1700.

C. AMBROSIOIDES, L. Spec. 1753.

Blue Mts.

C. MURALE, L. Spec. 1753.

Eleuthera.

Atriplex, L. Gen. 1737; Tourn. Inst. 1700.

A. CRISTATA, HBK. Nov. Gen. ii. 1817.

Nassau.

There is no positive evidence of a perennial root, and most of the specimens are apparently annual.

Salicornia, L. Hort. Cliff. 1737; Tourn. Inst. 1700.

S. AMBIGUA, Michx. Fl. 1803.

Crooked Is.

PHYTOLACCACEÆ.

Rivina, L. Gen. 1737; Plum. Gen. 1703.

R. HUMILIS (*a* canescens) L. Spec. 1753. *R. lævis*, L., var. *pubescens*, Griseb. Fl. B. W. I. 1864.

Cat Is.; Port Morant.

Var. GLABRA, L. Spec. 1753. *R. lœvis*, Griseb. Fl. l. c.
Nassau; Kingston; Constant Springs; Port Morant; Porus; Grand Cayman.

R. OCTANDRA, L. Syst. x. 1759.
Lucea.

Petiveria, L. Gen. 1737; Plum. Gen. 1703.

P. ALLIACEA, L. Spec. 1753.
Kingston; Porus.

BATIDEÆ.

Batis, P. Br. Hist. Jam. 1756.

B. MARITIMA, L. Syst. x. 1759.
Inagua.

POLYGONACEÆ.

Polygonum, L. Gen. 1737; Tourn. Inst. 1700.

P. DENSIFLORUM, Meisn. in Mart. Fl. Bras. v. 1855.
Bog Walk; Grand Cayman.

Coccoloba, L. Syst. x. 1759.

C. LAURIFOLIA, Jacq. Hort. Schoen. iii. 1798.
Nassau; Eleuthera; Fortune Is.; Crooked Is.; Inagua.

C. UVIFERA, (L.) Jacq. Pl. Carib. 1760. *Polygonum*, L. Spec. 1753.
Nassau; Cat Is.; Crooked Is.; Watling's; Inagua; Grand Cayman.

ARISTOLOCHIACEÆ.

Aristolochia, L. Gen. 1737; Tourn. Inst. 1700.

A. GRANDIFLORA, Sw. Prod. 1788.
Bog Walk; Port Morant.

PIPERACEÆ.

Piper, L. Gen. 1737.

P. ADUNCUM, L. Spec. 1753.
Port Morant; Porus.

P. AMALGO, L. Spec. 1753.
Blue Mts.; Constant Springs; Port Antonio; Porus; Grand Cayman.

P. HISPIDUM, Sw. Prod. 1788. *Artanthe scabra*, Miq. Syst. 1843–44.
Bog Walk; Port Morant; Port Antonio.

P. hirsutum, Sw. Prod. p. 15, is cited by C. DC. Prod. xvi. 1. This name does not appear in the former work, but in his Fl. Ind. Occ. i. 1797, where reference is made to *P. hispidum,* Prod. Thus *P. hispidum,* HBK. Nov. Gen. i. 1815 is untenable.

P. MACROPHYLLUM, Sw. Prod. 1788.
Var. JAMAICENSE, (Griseb.). *Artanthe Jamaicensis*, Griseb. Fl. B. W. I. 1864.
Bog Walk.

P. macrophyllum, HBK. Nov. Gen. i. 1815, is untenable, but not having made a study of the continental forms of this genus, I have refrained from giving a new name.

P. PELTATUM, L. Spec. 1753.
Port Morant.

P. UMBELLATUM, L. Spec. 1753.
Port Morant; Porus.

Peperomia, Ruiz & Pav. Prod. 1794.

P. AMPLEXICAULIS, (Sw.) Dietr. Spec. i. 1831. *Piper*, Sw. Prod. 1788.
Port Antonio.

P. GLABELLA, (Sw.) Dietr. Spec. i. 1831. *Piper*, Sw. Prod. 1788.
Bog Walk; Porus; Grand Cayman (R).

P. MAGNOLIÆFOLIA, (Jacq.) Dietr. Spec. i. 1831. *Piper*, Jacq. Coll. iii. 1789. *Peperomia obtusifolia*, Dietr. Spec. i. 1831.
Blue Mt. Peak.

LAURINEÆ.

Persea, Gærtn. Fr. iii. 1805; Plum. Gen. 1703.

P. GRATISSIMA, Gærtn. Fr. l. c. *Laurus Persea*, L. Spec.

1753. *Persea Persea*, Cockerell in Torr. Bull. xix. p. 95, 1892.
Port Morant, common in cultivation.

Nectandra, "Roland in Rottb." Descr. Rar. Pl. Sur. 1776.
N. ANTILLANA, Meisn. in DC. Prod. xv. 1, 1864.
Blue Mt. Peak; Port Morant; Port Antonio.
N. SANGUINEA, Rottb. "in Act. Hafn. 1778."
Nassau.

Cassytha, L. Spec. 1753.

C. FILIFORMIS, L. Spec. 1753.
Nassau; Eleuthera; Cat Is.; Grand Cayman.

LORANTHACEÆ.

Arceuthobium, Bieb. Fl. Taur. Cauc. iii. 1819. *Razoumowskia*, Hoffm. Hort. Mosq. 1808?
A. CUPRESSOIDES, (Macf.) Griseb. Fl. B. W. I. 1864. "*Viscum*, Macf." ex Griseb. l. c.
Blue Mt. Peak.
A. OPUNTIOIDES, (L.) Griseb. Fl. B. W. I. 1864. *Viscum*, L. Spec. 1753.
Blue Mt. Peak.

Phoradendron, Nutt. in. Jour. Acad. Phil. ser. 2, i. 1847.
P. BERTERIANUM, (DC.) Griseb. Fl. B. W. I. 1864. *Viscum*, DC. Prod. iv. 1830.
Blue Mts.
P. RUBRUM, (L.) Griseb. Fl. B. W. I. 1864. *Viscum*, L. Spec. 1753.
Constant Springs.
P. TETRASTICHUS, Griseb. Pl. Wr. i. 1860.
Crooked Is.

EUPHORBIACEÆ.

Euphorbia, L. Gen. 1737.

E. ANTIQUORUM, L. Spec. 1753.
Inagua.

Introduced and well established in most of the Bahamas, forming impenetrable thickets 10 to 15 feet high.

E. Blodgettii, Engelm. in herb. *E. inæquilatera*, Chapm. Fl. (not Sonder). (Plate 13.)

Nassau; Eleuthera; Cat Is. (R.); Crooked Is.; Fortune Is.; Inagua; Lucea; Grand Cayman.

Prostrate spreading or erect, glabrous; leaves rather leathery, oval, more or less oblique, subcordate or cuneate at base, apex obtuse, rather remotely low-serrulate or denticulate towards the apex; upper leaves narrower, acutish and entire; stipules deltoid, upper side laciniate toothed, lower, 2-toothed; involucre hairy within, bearing four oval glands each with a white or pinkish appendage, two of which are roundish, entire and about the size of the gland, and two larger and retuse; lobes of involucre lanceolate, erose, nearly twice as long as gland and appendage; fruit glabrous, ovate; styles 3, short, each 2-parted to the middle; seeds oblong, square in cross section, reddish, microscopically papillate, becoming smooth and gray or brown after wetting, .7 by 1 mm. An average leaf is about 6 mm. by 12 mm. on a petiole 1 mm. long. Common in sandy soil along the coast.

This also occurs at Key West, Blodgett (type specimen, in Herb. Torrey. & Herb. Engelm.), S. Florida, Chapman, Curtiss, as shown by specimens in Herb. Engelmann.

E. buxifolia, Lam. Dict. ii. 1786.

Nassau; Eleuthera; Cat Is.; Crooked Is.; Fortune Is.; Watling's; Inagua; Lucea; Grand Cayman.

E. heterophylla, L. Spec. 1753.

Nassau; Eleuthera; Cat Is.; Grand Cayman.

Var. cyathophora, (Murr.) Boiss. in DC. Prod. xv. 2, 1862. *E. cyathophora*, Murr. Comm. Gött. vii, 1777.

Constant Springs.

Var. graminifolia, (Michx.) Engelm. Mex. Bound. 1859. *E. graminifolia*, Michx. Fl. 1803.

Nassau; Eleuthera; Cat Is.; Fortune Is.; Inagua; Port Morant.

E. hypericifolia, L. Spec. 1753.

Nassau; Eleuthera; Inagua; Constant Springs; Bog Walk; Port Morant; Port Antonio; Lucea; Grand Cayman.

This differs from our common northern form in having the upper internodes conspicuously slender. No dark spots were observed on the leaves. Growth erect or ascending.

E. Peplus, L. Spec. 1753.

Blue Mt. Peak.

E. PILULIFERA, L. Spec. 1753.

Nassau; Eleuthera; Cat Is.; Inagua; Kingston; Lucea.

Var. OBLITERATA, (Jacq.). *E. obliterata*, Jacq. Pl. Carib. 1760 (description insufficient). Sw. Prod. 1788; Fl. Ind. Occ. ii. 1800. *E. procumbens*, DC. Cat. H. Monsp. 1813. *E. pilulifera*, var. *procumbens*, Boiss. in DC. Prod. xvii. 1862. Parry & Palmer, C. Mex. Fl. No. 815.

Grand Cayman.

E. pulcherrima, (Grah.) Boiss. in DC. Prod. xv. 2, 1862. *Poinsettia*, Grah. in Edinb. Phil. Jour. 1836. Lucea, cultivated.

E. PUNICEA, Sw. Prod. 1788.

Fortune Is.; Inagua.

Phyllanthus, L. Gen. 1737.

P. ANGUSTIFOLIUS, (Sw.) Sw. Fl. Ind. Occ. ii. 1800. *Xylophylla*, Sw. Prod. 1788.

Lucea; Grand Cayman.

P. EPIPHYLLANTHUS, L. Spec. 1753. *P. falcatus*, Sw. Fl. Ind. Occ. ii. 1800.

Nassau; Eleuthera; Cat Is.; Watling's; Fortune Is.; Inagua.

P. LATIFOLIUS, (L.) Sw. Fl. Ind. Occ. ii. 1800. *Xylophylla*, L. Mant. ii. 1771.

Port Antonio.

P. LINEARIS, (Sw.) Sw. Fl. Ind. Occ. ii. 1800. *Xylophylla angustifolia*, var., Sw. Prod. 1788.

Lucea; Grand Cayman.

P. NIRURI, L. Spec. 1753.

Fortune Is.; Inagua; Kingston; Porus; Grand Cayman.

Jatropha, L. Gen. 1737.

J. CURCAS, L. Spec. 1753.

Grand Cayman.

J. GOSSYPIFOLIA, L. Spec. 1753.

Nassau; Kingston.

J. MULTIFIDA, L. Spec. 1753.
Lucea.

Aleurites, Forst. Char. Gen. 1776.

A. MOLUCCANA, (L.) Willd. Spec. iv. 1805. *Jatropha*, L. Spec. 1753. *A. triloba*, Forst. l. c.
Porus; Grand Cayman.

Croton, L. Gen. 1737.

C. CASCARILLA, (L.) L. Spec. Ed. 2, 1763. *Clutia*, L. Spec. 1753.
Watling's; Port Morant; Grand Cayman.
Var. LINEARIS, (Jacq.) Griseb. Fl. B. W. I. 1864. *Croton*, Jacq. Pl. Carib. 1760.
Nassau; Eleuthera; Cat. Is.

C. ELEUTERIA, (L.) Sw. Prod. 1788. *Clutia*, L. Spec. 1753.
Eleuthera; Grand Cayman.

C. HJALMARSONII, Griseb. Fl. B. W. I. 1864.
Fortune Is.; Inagua.

C. HUMILIS, L. Syst. x. 1759.
Kingston; Cat Is. (form approaching var. *angustifolius.*).

C. LOBATUS, L. Spec. 1753.
Label lost, but probably from Grand Cayman.

C. LUCIDUS, L. Syst. x. 1759.
Var. PUBIGERUS, Griseb. Fl. B. W. I. 1864.
Lucea; Grand Cayman.

Argythamnia, P. Br. Hist. Jam. 1756.

A. CANDICANS, Sw. Prod. 1788.
Cat Is.; Watling's (R.); Inagua; Lucea.

Manihot, Adans. Fam. 1763.

M. AIPI, Pohl, Pl. Bras. i. 1827. *Jatropha Manihot*, L. Spec. 1753. *Janipha*, HBK. Nov. Gen. ii. 1817. *Manihot Manihot*, Cockerell in Torr. Bull. xix. 1892.
Eleuthera; Lucea; Grand Cayman,— cultivated and escaped.

Bernardia, Houst. in P. Br. Hist. Jam. 1756.

B. CARPINIFOLIA, Griseb. Fl. B. W. I. 1864. *Adelia Bernardia*, L. Syst. 1759. *B. dichotoma*, Müll. Arg. in Linnæa, xxxiv. 1866.

Grand Cayman.

B. MEXICANA, (Hook. & Arn.) Müll. Arg. in Linnæa, xxxiv. 1866. *Hermesia ? Mexicana*, Hook. & Arn. Bot. Beech. 1841.

Eleuthera; Cat Is.

Acalypha, L. Hort. Cliff. 1737.

A. ALOPECUROIDES, Jacq. Ic. Rar. iii. 1786–93.

Nassau; Eleuthera; Grand Cayman.

Ricinus, L. Gen. 1737; Tourn. Inst. 1700.

R. COMMUNIS, L. Spec. 1753.

Fortune Is. Escaped.

Tragia, L. Gen. 1737; Plum. Gen. 1703.

T. VOLUBILIS, L. Spec. 1753.

Port Morant.

Hippomane, L. Gen. 1737.

H. MANCINELLA, L. Spec. 1753.

Inagua; Grand Cayman.

Gymnanthes, Sw. Prod. 1788.

G. LUCIDA, Sw. Prod. 1788.

Eleuthera.

Hura, L. Gen. 1737.

H. CREPITANS, L. Spec. 1753.

Nassau (Cult.); Port Antonio.

URTICACEÆ.

Trema, Lour. Fl. Cochinch. ii. 1790.

T. LIMA, (Lam.). *Celtis Lima*, Lam. Dict. iv. 1797 (non. Sw.) *C. Lamarckiana*, Roem. & Sch. Syst. vi. 1820. *Sponia Lamarckiana*, Decsn. Ann. Sc. Nat. 3, x. 1848.

Eleuthera; Nassau.

Ficus, L. Gen. 1737; Tourn. Inst. 1700.

F. CRASSINERVA, Desf. Hort. Par. 1829.
Port Antonio.

F. DIMIDIATA, Griseb. Fl. B. W. I. 1864.
Eleuthera; Grand Cayman.

F. LÆVIGATA, Vahl, Enum. ii. 1806.
Fortune Is.; Grand Cayman.

F. PERTUSA, L. f. Suppl. 1781.
Cat Is.

F. TRIGONATA, L. f. Suppl. 1781.
Port Antonio.

Artocarpus incisa, (Thunb.) L. f. Suppl. 1781. *Radermachia*, Thu Act. Holm. 1776. Bog Walk. *A. integrifolia*, (Thunb.) L. f. l. c. *Radermachia*, Thunb. l. c. Lucea. Cultivated and apparently escaped in places.

Coilotapalus, P. Br. Hist. Jam. 1756. *Cecropia*, "Löfl. It. Hisp. 1758."

C. PELTATA, (L.). *Cecropia peltata*, L. Syst. x. 1759.
Port Morant.

Fleurya, Gaud. in Freyc. Voy. Bot. 1826.

F. ÆSTIVANS, (L.) Gaud. l. c. *Urtica*, L. Spec. Ed. 2, 1763.
Nassau; Porus; Port Antonio.

Pilea, Lindl. Coll. 1821.

P. CILIARIS, (L.) Wedd. in Ann. Sci. Nat. 1852. *Urtica*, L. Syst. x. 1759.
Blue Mt. Peak.

P. DELTOIDEA, Liebm. K. Dansk. Vid. Sel. Skr. S. 5, ii. 1851. *P. microphylla*, var. *perexigua*, Wr. in Griseb. Pl. Wr. 1860. Wr. Pl. Cub. No. 1458.
Grand Cayman.

P. DIFFUSA, (Sw.) Wedd. l. c. 1852. *Urtica*, Sw. Act. Holm. 1785.
Blue Mt. Peak.

P. MICROPHYLLA, (L.) Liebm. l. c. *Parietaria*, L. Syst. x. 1759.
Nassau; Blue Mt. Peak; Port Antonio; Lucea.

P. PARIETARIA, (L.) Bl. Mus. Lugd. Bat. ii. 1853. *Urtica*, L. Spec. 1753.
Blue Mt. Peak; Blue Mts. (R.).

P. REPENS, (Sw.) Wedd. l. c. 1852. *Urtica*, Sw. Act. Holm. 1787.
Port Antonio.

Boehmeria, Jacq. Pl. Carib. 1760.

B. CAUDATA, Sw. Prod. 1788.
Blue Mt. Peak.

B. CYLINDRICA, (L.) Sw. Prod. 1788. *Urtica*, L. Spec. 1753.
Port Antonio.

B. RAMIFLORA, Jacq. Pl. Carib. 1760.
Port Antonio.

Phenax, Wedd. Ann. Sci. Nat. 1854.

P. HIRTUS, (Sw.) Wedd. in DC. Prod. xvi. 1869. *Boehmeria*, Sw. Prod. 1788.
Blue Mt. Peak.

Rousselia, Gaud. in Freyc. Voy. Bot. 1826.

R. LAPPULACEA, (Sw.) Gaud. l. c. 1826. *Urtica*, Sw. Prod. 1788.
Nassau.

CASUARINEÆ.

Casuarina, Rumph. Amb. iii. 1743.

C. EQUISETIFOLIA, Forst. Gen. Pl. Austr. 1776.
Nassau and Inagua (cult.); Crooked Is. (naturalized.)

HYDROCHARIDEÆ.

Thalassia, Soland. in Koen. & Sims. Ann. Bot. ii. 1806.

T. TESTUDINUM, Koen. l. c. 1806.
Fortune Is.; Inagua. Common throughout the West Indies.

ORCHIDEÆ.

Pleurothallis, R. Br. in Ait. f. Hort. Kew. v. 1813.

P. RACEMIFLORA, (Sw.) Lindl. in Hook Exot. Fl. 1825.

Epidendrum, Sw. Prod. 1788.
Blue Mt. Peak.

Microstylis, (Nutt.) Eat. Man. Ed. 3, 1822; Nutt. Gen. 1818 (proposed genus). *Achroanthes*, Raf. in Med. Repos. 1808.

It does not seem best to restore *Achroanthes* because of its insufficient description (conf. Introduction.)

M. UMBELLIFLORA, (Sw.). *Malaxis umbelliflora*, Sw. Prod. 1788. *Microstylis umbellulata*, Lindl. Gen. & Sp. Orch. 1830.
Blue Mt. Peak.

Bletia, Ruiz & Pav. Prod. 1794.

B. ALTA, (L.). *Limodorum altum*, L. Syst. xii. 1767. *B. verecunda*, R. Br. in Ait. f. Hort. Kew. 1813.
Lucea.

B. SHEPHERDII, Hook. in Bot. Mag. 1834.
Port Antonio; Bog Walk.

Epidendrum, L. Gen. 1737.

E. ALTISSIMUM, Bateman in Bot. Reg. 1838.
Cat Is.; Eleuthera.

Fruit about 2 cm. long.

E. ANCEPS, Jacq. Stirp. Amer. 1763. *E. fuscatum*, Sw. in Nov. Act. Ups. vi. 1799.
Port Antonio.

E. COCHLEATUM, L. Spec. Ed. 2, 1763.
Bahamas.

E. DIFFORME, Jacq. Stirp. Amer. 1763.
Port Antonio.

E. DIFFUSUM, Sw. Prod. 1788.
Port Antonio.

E. FRAGRANS, Sw. Prod. 1788.
Port Antonio; Blue Mt. Peak.

E. RIGIDUM, Jacq. Stirp. Amer. 1763.
Port Antonio.

E. STROBILIFERUM, G. Reichenb.
Port Antonio; Lucea.

E. VIRENS, Lindl. in Paxt. Fl. Gard. i. 1850.
Cat Is.; Inagua.

Fruit 3 to 4 cm. long.

Broughtonia, R. Br. in Ait. f. Hort. Kew. v. 1813.

B. SANGUINEA, (Sw.) R. Br. l. c. *Epidendrum*, Sw. Prod. 1788.
Port Morant.

Brassavola, R. Br. l. c. 1813.

B. CORDATA, Lindl. Bot. Reg. 1836.
Port Antonio; Port Morant.

Bot. Reg. No. 1914 but plate 1913 in the Garden copy.

Schomburgkia, Lindl. Sert. Orch. 1838.

S. THOMPSONIANA, Reichb. f.
Grand Cayman (determined at Kew).

Polystachya, Hook. Exot. Fl. 1825.

P. LUTEOLA, Hook. l. c.
Lucea.

A sterile specimen of a spider orchid collected at Grand Cayman may be *Æranthes filiformis*, Griseb.

Ornithidium, Salisb. Trans. Hort. Soc. i. 1812.

O. VESTITUM, (Sw.) Reichenb. *Epidendrum*, Sw. Prod. 1788.
Port Antonio.

Ponthievia, R. Br. in Ait. f. Hort. Kew. v. 1813.

P. GLANDULOSA, (Sims) R. Br. l. c. *Neottia*, Sims, Bot. Mag. 1805.
Bog Walk; Port Antonio.

Habenaria, Willd. Spec. iv. 1805.

H. MACULOSA, Lindl.
Blue Mt. Peak.

SCITAMINEÆ.

Costus, L. Gen. 1737.

C. GLABRATUS, Sw. Prod. 1788.
Port Antonio.

Renealmia, L. f. Suppl. 1781.

R. OCCIDENTALIS, (Sw.) Griseb. Pl. Carib. 1857. *Alpinia,* Sw. Prod. 1788.

Port Antonio.

Var. PARO-SECORA, (Jacq.) Griseb. Fl. B. W. I. 1864.
Port Antonio.

Canna, L. Gen. 1737.

C. INDICA, L. Spec. 1753.

Blue Mts.; Port Antonio; Port Morant.

BROMELIACEÆ.

Bromelia, L. Gen. 1737.

B. PINGUIN, L. Spec. 1753.

Kingston. Common throughout the islands, frequently cultivated for hedge.

Ananas, Adans. Fam. 1763; Tourn. Inst. 1700. *Ananassa,* Lindl. Bot. Reg. 1827.

A. sativus, (L.) R. & S. Syst. vii. 2, 1830. *Bromelia Ananas,* L. Spec. 1753. *Ananassa sativa,* Lindl. Bot. Reg. 1827. Cultivated in the Bahamas, especially Eleuthera.

Æchmea, R. & P. Prod. 1794.

Æ. sp.

Bog Walk.

Leaves .6 to 1 m. long, 9 cm. broad, rounded to a pointed apex, minutely lepidote beneath, minutely and rather distantly prickly on margin, peduncle stout, spikes sessile, oblong, 4 cm. long; bracts triangular-lanceolate, acuminate, shorter than spikes; bractlets orbicular, not striate, smooth, mucronate.

Æ. sp.

Lucea; Port Morant.

Leaf 12 cm. wide, rounded to a cusp, marginal teeth small, about 5 mm. apart; peduncle stout, spikes on pedicels about 5 to 10 mm. long; bracts about 15 cm. long, gradually narrowed to a sharp point, lax, much longer than spikes (specimen from Lucea); pedicels about 25 mm. long, bracts about 5 cm. long, shorter than spikes (specimens from Port Morant); spikes about 5 cm. long, oblong; bractlets ovate, rather abruptly narrowed to a long cusp 3 to 5 mm. long.

Pitcairnia, L'Her. Sert. Angl. vii. 1788.

P. BROMELIÆFOLIA, L'Her. l. c.
Bog Walk.

Guzmania, Ruiz & Pav. Fl. Per. iii. 1802.

G. TRICOLOR, Ruiz & Pav. l. c.
Port Antonio.

Tillandsia, L. Gen. 1737.

T. BALBISIANA, Schult. f. Syst. vii. 2, 1830.
Nassau; Lucea.

T. BULBOSA, Hook. Exot. Fl. iii. 1827.
Cat Is.; Inagua.

T. COMPLANATA, Benth. Bot. Sulph. 1844?
Blue Mt. Peak. (Specimen fragmentary).

T. FASCICULATA, Sw. Prod. 1788.
Fortune Is.; Inagua; Port Morant.

This is Curtiss No. 2844 (*T. bracteata*).

T. FLEXUOSA, Sw. Prod. 1788.
Inagua.

T. RECURVATA, L. Spec. Ed. 2, 1763.
Cat Is.; Constant Springs.

T. SETACEA, Sw. Prod. 1788.
Grand Cayman.

A small form similar to Curtiss 2848 but leaves shorter; may be *T. cœspitosa,* Le Conte, considered by Baker (Bromel.) to be a dwarf form of *T. setacea.*

T. UTRICULATA, L. Spec. 1753.
Cat Is.; Inagua; Port Antonio; Lucea.

Catopsis, Griseb. in Nachr. Ges. Gött. 1844.

C. VITELLINA, (L. K. & O.) Baker in Journ. Bot. 1887.
Tillandsia, Link, Klotzch & Otto, Ic. i. 1841.
Bahamas.

This is the same as Wr. Pl. Cub. 675 in Hb. Cambridge, and cited in Wr. & Sauv. Fl. Cub. as *C. nitida.* The peduncle is twice as long as leaves.

Another fragmentary specimen is probably C. NUTANS, Baker. Capules and bracts each about 4 cm. long.

IRIDEÆ.

Gladiolus, L. Gen. 1737; Tourn. Inst. 1700.

G. GANDAVENSIS.

Escaped around Abbey Green, Blue Mts.

AMARYLLIDIÆ.

Hypoxis, L. Syst. x. 1759.

H. DECUMBENS, L. Syst. x. 1759.

Port Antonio.

Hemsl Biol. gives synonym, *Anthericum sessile*, Miller Fig. Pl. t. 39, fig. 2. This, however, is a polynomial, *A. sesile foliis linearibus planis*, etc. The title page and Pritzel give the date as 1760, but the dates of the plates vary. The above is 1755, Sept. 30th. It is quoted by Linn. Syst. x.

Crinum, L. Gen. 1737.

C. ERUBESCENS, Ait. Hort. Kew. 1789.

Port Morant.

Bulb brought from Jamaica flowered at the Garden, Aug. 3d, 1891. The segments were pure white, slightly tinged with purple near the apex instead of claret purple on the back as described by Baker (Amaryll.).

Hymenocallis, Salisb. in Trans. Hort. Soc. i. 1812.

H. sp.

Cat Is.; Eleuthera.

Near *H. lacerum*, Salisb. (*H. rotatum*, Ker). Flowers 7 or 8 in a sessile umbel; tube 7 or 8 cm. long; perianth divisions not quite as long, narrowly linear. Leaves distichous, 7 or 8, linear, 2 cm. broad, 30 to 40 cm. long, rounded at apex. Bulbs 3 to 6 cm. in diameter.

Sandy or rocky soil near the sea, often within the range of the tides.

Agave, L. Syst. vi. 1748.

A. SOBOLIFERA, Salm-Dyck Hort. 1834. *A. Antillarum*, Desc. Fl. Ant. iv. 1827. Engelm. notes on Agave, 313 (25). Gard. Chron. ii. 1877, p. 780, fig. 150.

Eleuthera.

Common also on Cat Is., called by the natives, "Bamboo," referring to the flower stalk which rises to the height of 25 ft.

DIOSCOREACEÆ.

Dioscorea, L. Gen. 1737; Plum. Gen. 1703.

D. ALATA, L. Spec. 1753.

Port Morant; Eleuthera. Escaped. Common in cultivation.

D. MULTIFLORA, Presl, Bot. Bemerk. 1844.
Port Antonio.

Rajania, L. Gen. 1737.

R. HASTATA, L. Spec. 1753.
Nassau; Cat Is.

LILIACEÆ.

Smilax, L. Gen. 1737; Tourn. Inst. 1700.

S. DOMINGENSIS, Willd. Spec. iv. 1805.
Cat Is.; Crooked Is.; Nassau; Port Morant.

S. HAVANENSIS, Jacq. Pl. Carib. 1760.
Var. VULGARIS, A. DC. Mon. Smil. 1878.
Nassau; subvar. *ovata*, Grand Cayman.

PONTEDERIACEÆ.

Heteranthera, Ruiz & Pav. Prod. 1794.

H. RENIFORMIS, Ruiz & Pav. Fl. Per. i. 1798.
Port Antonio; Port Morant.

COMMELINACEÆ.

Commelina, L. Gen. 1737; Plum. Gen. 1703.

C. NUDIFLORA, L. Spec. 1753.
Nassau; Bog Walk; Kingston; Porus; Grand Cayman.

C. VIRGINICA, L. Spec. Ed. 2, 1762.
Port Morant.

Tradescantia, L. Gen. 1737; Rupp. Fl. Jen. 1718.

T. MULTIFLORA, Sw. Prod. 1788.
Blue Mt. Peak.

Rhoeo, Hance in Walp. Ann. iii. 1853.

R. DISCOLOR, (L'Her.) Hance l. c. *Tradescantia*, L'Her. Sert. Angl. 1788.
Nassau; Port Antonio; Porus.

PALMÆ.

Sabal, Adans. Fam. 1763.

S. UMBRACULIFERA, (Jacq.) Mart. Hist. Palm. iii. 1836–50.

Corypha, Jacq. Fragm. 1809.

Cat Is.

Tree about 25 ft. high; inflorescence 4 ft. long; berries globose, black or greenish, 12 mm. in diameter. Albumen plain, concave at base, and embryo lateral.

Thrinax, Sw. Prod. 1788.

T. ARGENTEA, (Jacq.) Lodd. in Roem. & Sch. Syst. vii. 2, 1830. *Palma argentea*, Jacq. Fragm. 1809.

Eleuthera; Cat Is.; Grand Cayman. Common in the Bahamas.

T. PARVIFLORA, Sw. Prod. 1788.

Watling's.

Trunk small and smooth, 4 or 5 ft. high.

Acrocomia sclerocarpa, Mart.' Hist. Palm. ii. 1823, Lucea, cultivated; *Elæis Guineensis*, L. Mant. i. 1767, Lucea, cultivated; *Cocos nucifera*, L. Spec. 1753, Cat Is., Port Antonio, Port Morant, cultivated throughout the tropics near the sea.

TYPHACEÆ.

Typha, L. Gen. 1737; Tourn. Inst. 1700.

T. DOMINGENSIS, Pers. Syn. ii. 1807. *T. angustifolia*, var. *Domingensis*. Griseb. Fl. B. W. I. 1864.

Port Morant; Grand Cayman.

In Persoon's Synopsis this species is preceded by an asterisk and placed between 1, *latifolia* and 2, *media*. In the preface he makes the following statement, "Varietates præcipuæ et subspecies non omissæ sunt. Speciebus obscuris, aut quoad sedem dubiis, vel accuratiori indagationi subjiciendis, signa crucis seu asteriscum apposui." I assume from this that *Domingensis* was used as a specific name. Kronfeld (Mon. Typh.) interprets it as a subspecies. In the latter case our plant becomes, *T. Domingensis* (Pers.) Kunth, Enum. iii. 1841. It is frequently quoted *T. angustifolia*, L. var. *Domingensis*, Pers.

AROIDEÆ.

Philodendron, Schott, Melet. i. 1832.

P. HEDERACEUM, (Jacq.) Schott, l. c. *Arum*, Jacq. Pl. Carib. 1760.

Port Antonio.

P. LACERUM, (Jacq.) Schott, l. c. *Arum*, Jacq. Schoenbr. iv. 1804.

Port Antonio; Port Morant.

P. TRIPARTITUM, (Jacq.) Schott, l. c. *Arum*, Jacq. Schœnbr. ii. 1797.
Lucea.

Syngonium, Schott in Wien. Zeitsch. iii. 1829.

S. AURITUM, (L.) Schott, Melet. i. 1832. *Arum*, L. Syst. x. 1759.
Bog Walk; Port Antonio; Lucea.

Dieffenbachia, Schott, Melet. i. 1832.

D. SEGUINE, (Jacq.) Schott, l. c. *Arum*, Jacq. Pl. Carib. 1760.
Port Antonio; Lucea.

ALISMACEÆ.

Sagittaria, L. Gen. 1737.

S. LANCIFOLIA, L. Syst. x. 1759.
Grand Cayman.

CYPERACEÆ.

Cyperus, L. Gen. 1737; Tourn. Inst. 1700.

C. ARISTATUS, Rottb. Descr. & Ic. 1773.
Inagua; Cat Is.

C. HUMILIS, Kunth. Wr. Pl. Cub. No. 700 (fide Britton).
Lucea.

C. ARTICULATUS, L. Spec. 1753.
Lucea.

C. BRUNNEUS, Sw. Fl. Ind. Occ. i. 1797.
Nassau; Eleuthera; Grand Cayman.

A form with small, sessile clusters was collected at Inagua; Cat Is.; Fortune Is.

C. ELEGANS, L. Spec. 1753. *C. laxus*, Lam. Ill. i. 1791.
Port Antonio.

C. FILIFORMIS, Sw. Prod. 1788.
Nassau; Crooked Is.; Grand Cayman.

C. FLAVOMARISCUS, Griseb. Fl. Br. W. I. 1864.
Port Morant; Blue Mt. Peak.

C. LIGULARIS, L. Amœn. Acad. v. 1760.
Nassau; Inagua; Kingston; Grand Cayman. Sandy soil near the coast.

C. MUTISII, (HBK.) Griseb. Fl. B. W. I. 1864. *Mariscus*, HBK. Nov. Gen. i. 1815. (fide Britton).
Blue Mt. Peak; Porus.

C. MUCRONATUS, Rottb. Descr. & Ic. 1773.
Kingston.

C. OCHRACEUS, Vahl, Enum. ii. 1806.
Port Morant; Lucea.

C. ODORATUS, L. Spec. 1753.
Port Morant; Bog Walk.

C. OLFERSIANUS, Kunth, Enum. ii. 1837.
Port Morant.

C. ROTUNDUS, L. Spec. 1753.
Nassau; Kingston.

C. VISCOSUS, Sw. Prod. 1788.
Eleuthera; Inagua; Grand Cayman.

Kyllinga, Rottb. Descr. & Ic. 1773.

K. MONOCEPHALA, Rottb. Descr. & Ic. 1773.
Blue Mt. Peak; Grand Cayman.

Eleocharis, R. Br. Prod. 1810.

E. CAPITATA, (Willd.) R. Br. Prod. 1810. *Scirpus*, Willd. Spec. i. 1797.
Cat Is.; Port Morant; Lucea.

E. CELLULOSA, Torr. Ann. Lyc. N. Y. iii. 1836.
Inagua.

E. CONSTRICTA, Schult. Mant. ii. 1824.
Port Morant; Port Antonio; Lucea.

E. INTERSTICTA, (Vahl) R. Br. Prod. 1810. *Scirpus*, Vahl, Enum. ii. 1806.
Port Morant; Port Antonio.

E. MUTATA, (L.) R. Br. Prod. 1810. *Scirpus*, L. Syst. x. 1759.
Port Antonio; Grand Cayman.

Dichromena, Michx. Fl. 1803.

D. CILIATA, Vahl, Enum. ii. 1806.
Port Antonio; Bog Walk; Lucea.

Some of the specimens are proliferous at the summit.

D. PUSILLA, (Sw.) Kunth, Enum. ii. 1837. *Schoenus*, Sw. Prod. 1788.
Port Antonio.

D. COLORATA, (L.). *Schoenus coloratus*, L. Spec. 1753. *Schoenus stellatus*, Lam. Dict. i. 1783. *Rhynchospora*, Griseb. Fl. B. W. I. 1864. *D. leucocephala*, Michx. Fl. 1803. *D. cephalotes*, (Walt.) Britt. Torr. Bull. 1888.
Nassau; Crooked Is.; Fortune Is. (R.); Inagua.

Iria, (Rich.) Hedw. Gen. 1806. *Cyperus*, Sect., Rich. in Pers. Syn. i, 1805. *Fimbristylis*, Vahl, Enum. ii. 1806.

I. FERRUGINEA, (L.) OK. Rev. Gen. 1891. *Scirpus*, L. Spec. 1753.
Nassau; Inagua; Port Morant; Kingston; Grand Cayman.

I. POLYMORPHA, (Rottb.) OK. Rev. Gen. 1891. *Schoenus*, Rottb. Desc. & Ic. 1773. *Fimbristylis*, Vahl, l. c.
Port Morant.

I. OBTUSIFOLIA, (Lam.). *Fimbristylis*, Kunth, Enum. ii. 1837. *Scirpus*, Lam. Ill. i. 1791.
Port Morant.

I. SPADICEA, (L.) OK. Rev. Gen. 1891. *Fimbristylis*, Vahl, Enum. ii. 1806. *Scirpus*, L. Spec. 1753.
Nassau; Cat Is.; Crooked Is.; Fortune Is.; Inagua; Port Antonio.

Rynchospora, Vahl, Enum. ii. 1806.

R. CORYMBOSA, (L.). *Scirpus corymbosus*, L. Syst. x. 1759. *R. florida*, Dietr. Spec. ii. 1833. *R. aurea*, Vahl, Enum. ii. 1806.
Blue Mt. Peak; Port Antonio.

R. CYPEROIDES, (Sw.) Mart. in Münch. Denkschr. vi. 1820. *Schoenus*, Sw. Prod. 1788.
Inagua.

R. POLYPHYLLA, Vahl, Enum. ii. 1806.
Blue Mt. Peak.

Cladium, P. Br. Hist. Jam. 1756.

C. MARISCUS, (L.) R. Br. Prod. 1810. *Schœnus*, L. Spec. 1753. *C. occidentale*, Schrad. Gram. i. 1806.
Nassau; Crooked Is.

Scleria, Berg in Vet. Acad. Handl. xxvi. 1765.

S. COMMUNIS, Kunth, Enum. ii. 1837. *S. pratensis*, Lindl. in Nees Cyp. Bras. 1842.
Port Morant.

S. FILIFORMIS, Sw. Prod. 1788.
Nassau; Eleuthera; Bog Walk.

S. MICROCARPA, Nees in Kunth, Enum. ii. 1837.
Port Antonio; Port Morant.

Kunth cites Nees Linnæa ix. 302, but this will not hold as there is no description.

Uncinia, Pers. Syn. ii. 1807.

U. JAMAICENSIS, Pers. Syn. ii. 1807.
Blue Mt. Peak.

GRAMINEAE.

Paspalum, L. Syst. x. 1759.

P. CÆSPITOSUM, Flügge, Mon. Gram. 1810.
Nassau; Cat Is.; Inagua; Port Antonio; Grand Cayman; Bog Walk.

P. CONJUGATUM, Berg, Act. Helv. vii. (about 1775).
Port Antonio; Bog Walk.

P. DISTICHUM, L. Amœn. Acad. v. 1760.
Fortune Is.

P. FILIFORME, Sw. Prod. 1788.
Lucea.

Paspalum filiforme, (L.) Flügge, Mon. Gram. 1810, should receive another name.

P. FIMBRIATUM, HBK. Nov. Gen. i. 1815.
Nassau; Bog Walk; Port Antonio (R); Porus Grand Cayman.

P. GLABRUM, Poir. Dict. v. 1804.
Eleuthera; Cat Is.; Watling's; Crooked Is.; Fortune Is.; Inagua.

P. NANUM, Wr. in Griseb. Cat. Pl. Cub. 1866.
Inagua.

P. PANICULATUM, L. Spec. Ed. 2, 1762.
Blue Mt. Peak.

P. PLICATULUM, Michx. Fl. 1803.
Port Antonio.

P. VIRGATUM, L., var. STRAMINEUM, Griseb. Fl. B. W. I. 1864.
Port Morant; Bog Walk.

Panicum, L. Gen. 1737; Tourn. Inst. 1700.

P. ACUMINATUM, Sw. Prod. 1788.
Blue Mt. Peak.

P. BREVIFOLIUM, L. Spec. 1753.
Bog Walk; Port Antonio.

P. DICHOTOMUM, L., var. GLABRESCENS, Griseb. Fl. B. W. I. 1864.
Fortune Is.

P. DISTANTIFLORUM, "Rich." (Gris. Cat. Pl. Cub.).
Inagua.

P. DISTICHUM, Lam. Dict. iv. 1797.
Port Antonio.

P. DIVARICATUM, L. Syst. x. 1759.
Nassau; Eleuthera; Cat Is.; Crooked Is.; Porus; Bog Walk.

P. FASCICULATUM, Sw. Prod. 1788.
Lucea; Port Morant; Porus.

P. FUSCUM, Sw. Prod. 1788.
Port Antonio; Kingston.

P. GLUTINOSUM, Sw. Prod. 1788.
Blue Mt. Peak.

P. HORIZONTALE, (Willd.) Meyer, Esseq. 1818. *Digitaria*, Willd. Enum. 1809. *D. setigera*, Roth.
Eleuthera; Port Antonio; Bog Walk; Grand Cayman.

P. INSULARE, (L.) Meyer, Esseq. 1818. *Andropogon*, L. Amœn. Acad. v. 1760. *Tricholœna*, Griseb. Fl. B. W. I. 1864.

Eleuthera; Cat Is.; Kingston; Bog Walk; Grand Cayman.

P. LANATUM, Sw. Prod. 1788.

Port Morant; Port Antonio; Blue Mts.; Porus; Lucea.

P. LINKIANUM, Kunth, Gram. i. 1829. *Digitaria marginata*, Link, Hort. Berol. i. 1821.

Nassau; Eleuthera; Fortune Is.; Inagua; Kingston; Blue Mt. Peak; Bog Walk; Porus.

P. MARTINICENSE, Griseb. Fl. B. W. I. 1864.

Port Morant; Bog Walk.

P. MAXIMUM, Jacq. Ic. Rar. i. 1781.

Nassau; Fortune Is.; Kingston; Constant Springs; Port Antonio; Blue Mts. (R); Porus.

P. MOLLE, Sw. Fl. Ind. Occ. i. 1797.

Nassau; Bog Walk; Lucea.

P. MYURUM, (Beauv.) Meyer, Esseq. 1818. *Hymenachne*, Beauv. Agrost. 1812.

Port Morant.

P. PALLENS, Sw. Prod. 1788.

Port Morant; Port Antonio (R); Bog Walk.

P. PALMIFOLIUM, Poir. Dict. xii. 1816.

Blue Mts.

P. PASPALOIDES, Pers. Syn. i. 1805.

Fortune Is.; Inagua; Port Antonio.

I have not used *P. brizoides*, Lam. Ill. i. 1791, as the description says lower glume subacute, while in my specimens it is truncate.

P. TRICHANTHUM, Nees, Cyp. Bras. 1842.

Port Antonio.

Oplismenus, Beauv. Fl. Owar. ii. 1807.

O. COLONUS, (L.) HBK. Nov. Gen. i. 1815. *Panicum*, L. Spec. Ed. 2, 1762.

Bog Walk.

O. HIRTELLUS, (L.) Rœm. & Sch. ii. 1817. *Panicum*, L. Amœn. v. 1760.

Bog Walk.

Setaria, Beauv. Fl. Owar. ii. 1807.

Setaria, Acharius, Lichenographiæ Suecicæ Prodromus, 1798, p. 219. This is called a tribe but his tribes correspond to genera. It is however used as a genus in Michx. Fl. ii. p. 331, 1803. *Setaria* does not appear in Acharius, Lichenographia Universalis, 1810, but on p. 592 we find the new genus *Alectoria* which includes *Lichen jubatus*, L. as does *Setaria*, Ach. I will leave it with lichenologists to decide whether *Setaria*, Ach. should be restored.

S. CAUDATA, (Lam.) Roem. & Sch. Syst. ii. 1817. *Panicum*, Lam. Ill. i. 1791.

Eleuthera.

S. GLAUCA, (L.) Beauv. Agrost. 1812. *Panicum*, L. Spec. 1753.

Nassau; Eleuthera; Inagua; Port Morant; Lucea; Grand Cayman.

S. SETOSA, (Sw.) Beauv. Agrost. 1812. *Panicum*, Sw. Prod. 1788.

Kingston.

Cenchrus, L. Coroll. 1737.

C. ECHINATUS, L. Spec. 1753.

Eleuthera; Inagua; Grand Cayman.

Var. VIRIDIS, (Spreng.) Griseb. Fl. B. W. I. 1864. *C. viridis*, Spreng. Syst. i. 1825.

Nassau; Eleuthera; Fortune Is.; Kingston; Grand Cayman.

C. TRIBULOIDES, L. Spec. 1753.

Nassau; Crooked Is.; Fortune Is.; Inagua.

Stenotaphrum, Trin. Agrost. 1820.

S. AMERICANUM, "Schk. Hort. Monac. t. 98."

Nassau; Port Antonio; Grand Cayman.

The date of Hort. Monac. is given as 1819, but that is before the genus was established. This species probably has earlier names.

Olyra, L. Syst. x. 1759.

O. LATIFOLIA, L. Syst. x. 1759.

Bog Walk; Port Morant.

O. PAUCIFLORA, Sw. Prod. 1788.
Port Antonio.

Coix, L. Gen. 1737.

C. LACHRYMA-JOBI, L. Spec. 1753.
Port Antonio; Lucea.

Swampy places, seemingly indigenous.

Tripsacum, L. Syst. x. 1759.

T. MONOSTACHYUM, Willd. Spec. iv. 1805.
Lucea.

Oryza, L. Gen. 1737; Tourn. Inst. 1700.

O. SATIVA, L. Spec. 1753.
Lucea, escaped.

Homalocenchrus, "Meig. Hall. Stirp. Helv. ii. 201, 1768." (Britton, N. Y. Acad. Trans. 1889.)

In Pollich Palat. 1776, there is one species given under this genus, "H. oryzoides cl. Meig. Act. Helvet, 14, p. 317. Hall. Hist. Il. p. 202."

H. MONANDRA, (Sw.) OK. Rev. Gen. 1891. *Leersia monandra,* Sw. Prod. 1788.
Bog Walk.

Arundinella, Raddi, Agrost. Bras. 1823.

A. MARTINICENSIS, Trin. Diss. ii. 1826.
Lucea.

Anthephora, Schreb. Gram. 1799.

A. ELEGANS, Schreb. l. c.
Kingston; Porus; Lucea.

Imperata, Cyrill. Pl. Neap. ii. 1792.

I. CONTRACTA, (HBK.). *Saccharum contractum,* HBK. Nov. Gen. i. 1815.
Jamaica.

Manisurus, L. Mant. ii. 1771.

M. GRANULARIS, (L.) Sw. Prod. 1788. *Cenchrus,* L. Mant. ii. p. 575 (appx.) 1771.
Port Antonio.

Andropogon, L. Spec. 1753.

A. BICORNIS, L. Spec. 1753.
Port Antonio.

A. GLOMERATUS, (Walt.) B. S. P. Cat. 1888. *Andropogon macrourus*, Michx. Fl. 1803. *Cinna glomerata*, Walt. Fl. 1788.

Nassau; Eleuthera; Crooked Is.; Inagua; Port Morant; Bog Walk; Blue Mt. Peak; Grand Cayman.

Sorghum, Moench. Meth. 1794.

S. HALAPENSE, (L.) Pers. Syn. i. 1805. *Holcus*, L. Spec. 1753.

Grand Cayman.

Aristida, L. Gen. 1737.

A. SCABRA, Kunth, Rev. Gram. i. 1829. *Streptachne Floridana*, Chapm. Fl. 1860. Wr. Pl. Cub. 3835, "A. scabra" in Hb. Cambr.

Nassau; Eleuthera; Cat Is.; Crooked Is.

A. STRICTA, Michx. Fl. 1803.

Fortune Is.

Sporobolus, R. Br. Prod. 1810.

S. DOMINGENSIS, (Trin.) Kunth, Enum. ii. 1823. *Vilfa*, Trin. in Spreng. N. Entd. ii. 1821.

Eleuthera; Fortune Is.; Inagua.

S. INDICUS, (L.) R. Br. Prod. 1810. *Agrostis*, L. Spec. 1753.

Eleuthera; Porus; Bog Walk. Common along seashore in Bahamas.

S. JACQUEMONTII, Kunth, Revis. Gram. 1829.

Nassau; Kingston; Lucea.

S. VIRGINICUS, (L.) Kunth, Revis. Gram. 1829. *Agrostis*, L. Spec. 1753.

Nassau; Crooked Is.; Inagua; Port Antonio; Grand Cayman. Common along sea shore.

Capriola, Adans. Fam. 1763. *Cynodon*, Rich. in Pers. Syn. i. 1805.

C. DACTYLON, (L.). *Panicum Dactylon*, L. Spec. 1753. *Cynodon*, Pers. Syn. i. 1805.

Nassau; Kingston; Lucea.

Chloris, Sw. Prod. 1788.

C. POLYDACTYLA, (L.) Sw. Prod. 1788. *Andropogon*, L. Spec. Ed. 2, 1762. *Andropogon barbatum*, L. Syst. x. 1759.

Nassau; Eleuthera; Lucea; Grand Cayman.

C. BARBATA, (L.) Sw. Fl. Ind. Occ. i. 1797. *Andropogon*, L. Mant. ii. 1771.

Inagua; Kingston.

C. RADIATA, (L.) Sw. Prod. 1788. *Agrostis*, L. Syst. x. 1759.

Nassau; Porus; Bog Walk.

C. CRUCIATA, (L.) Sw. Prod. 1788. *Agrostis*, L. Syst. x. 1759.

Fortune Is.; Inagua.

C. PETRÆA, Sw. Prod. 1788.

Nassau; Eleuthera; Cat Is.; Crooked Is.; Watling's; Port Antonio; Grand Cayman.

C. sp.

Kingston.

Differs from *C. radiata*; leaves very acuminate, sheaths not broad and compressed; culm more slender, spikelets narrower and longer, awns shorter, about length of spikelet, tuft of hairs at base conspicuous, lower glume very acute, upper shortly awned, spikes few.

Bouteloua, Lag "Varied. de Cienc. Liter. 1805."

B. AMERICANA, (L.). *Aristida Americana*, L. Syst. x. 1759; Sw. Obs. t. 2, fig. 2. *B. litigiosa*, Lag. Elech. 1816.

Inagua; Kingston.

Eleusine, Gærtn. Fr. i. 1788.

E. ÆGYPTIA, (L.) Pers. Syn. i. 1805 (*E. Ægyptiaca*). *Cynosurus Ægyptius*, L. Spec. 1753. *Dactyloctenium Ægyptiacum*, Willd. Enum. 1809.

Nassau; Eleuthera; Fortune Is.; Inagua; Kingston; Grand Cayman.

E. INDICA, (L.) Gærtn. Fr. i. 1788. *Cynosurus*, L. Spec. 1753.

Nassau; Eleuthera; Fortune Is.; Inagua; Kingston; Porus; Bog Walk.

Leptochloa, Beauv. Agrost. 1812.

L. MUCRONATA, (Michx.) Kunth, Revis. Gram. 1829. *Eleusine*, Michx. Fl. 1803.

Lucea.

L. VIRGATA, (L.) Beauv. Agrost. 1812. *Cynosurus*, L. Syst. x. 1759.

Bog Walk; Port Antonio; Lucea; Grand Cayman.

Var. GRACILIS, (HBK.) Griseb. Fl. B. W. I. 1864. *Chloris*, HBK. Nov. Gen. i. 1815.

Eleuthera.

Gynerium, Humb. & Bonpl. Pl. Æquin. ii. 1809.

G. SAGITTATUM, (Aubl.) Beauv. Agrost. 1812. *Saccharum*, Aublet, Pl. Guiana, 1775.

Port Morant.

Eragrostis, Beauv. Agrost. 1812.

E. BAHAMENSIS, n. sp. Plate 14.

Inagua.

Cæspitose, prostrate-spreading, or when in more shaded situations, erect; culms 12 to 18 cm. long, stiff and wiry, smooth, striate, glaucous above; leaves linear setaceous, closely involute, lower 1 to 2 cm., upper 4 to 5 cm. long, bearing a tuft of woolly hair at the ligule; spikelets scattered along the upper half of the culm, sessile, single or clustered 2 to 3 together, forming a simple and very strict, interrupted spike, oblong, usually falcate, 25-flowered or less; empty glumes ovate about ½ as long as flowering glume, lower 1-nerved, upper slightly longer and 3-nerved; flowering glumes 3-nerved, strongly compressed, smooth and glaucous; palet a little shorter than the flowering glume, scabrous on the two keels. Growing on rocky soil.

E. BAHIENSIS, (Schrad.) Steud. Glum. 1855. *Poa*, Schrad. in Schult. Mant. ii. 1824.

Grand Cayman.

E. CILIARIS, (L.) Link, Hort. Berol. i. 1821. *Poa*, L. Syst. x. 1759.

Nassau; Eleuthera; Cat Is.; Inagua; Port Morant; Porus; Grand Cayman.

E. MAJOR, Host. Gram. iv. 1809. *Poa Eragrostis*, L. Spec. 1753.

Inagua.

Zeugites, P. Br. Hist. Jam. 1756.

Z. AMERICANA, Willd. Spec. iv. 1805. *Apluda Zeugites*, L. Syst. x. 1759.

Blue Mt. Peak.

Uniola, L. Gen. 1737.

U. PANICULATA, L. Spec. 1753.

Nassau; Eleuthera; Cat Is.; Crooked Is.

Distichlis, Rafin. Journ. Phys. lxxxix. 1819.

D. SPICATA, (L.) Greene, Bull. Cal. Acad. ii. 1887. *Uniola*, L. Spec. 1753. *Distichlis maritima*, Raf. l. c. 1819.

Inagua. In the interior savannas, which appear to be dried up salt marshes.

Poa, L. Gen. 1737.

P. ANNUA, L. Spec. 1753.

Summit of Blue Mt. Peak.

Festuca, L. Gen. 1737.

F. MYUROS, L. Spec. 1753.

Blue Mt. Peak; Bog Walk (R).

Arthrostylidium, Rupr. in Mem. Acad. Petrop. 1839.

A. CAPILLIFOLIUM, Griseb. Pl. Wr. ii. 1862.

Nassau; Cat Is.

Bambusa, Schreb. Gen. Pl. 1789.

B. VULGARIS, Wendl. Coll. Pl. ii. 1810.

Blue Mts. Common in Jamaica.

CONIFERÆ.

Juniperus, L. Gen. 1737.

J. BARBADENSIS, L. Spec. 1753.

Blue Mt. Peak.

Pinus, L. Gen. 1737; Tourn. Inst. 1700.

P. BAHAMENSIS, Griseb. Fl. B. W. I. 1864.
Nassau.

P. sp.
Blue Mt. Peak.

Leaves in two's or rarely in three's, 7 to 9 cm. long, slender, more or less twisted, very concave, margin scabrous, sheath about 6 mm. long. Only one tree, and that without cones, seen between Abbey Green and the summit, near what was apparently an old habitation spot. Seems near *P. inops*, var. *clausa*, Chapm.

Cycas revoluta, Thunb. Fl. Jap. 1784, is rather common in cultivation.

FILICES.

Gleichenia, Smith, Mem. Acad. Turin. v. 1791.

G. LONGISSIMA, Bl. Fil. Java, 1828. *G. Bancroftii*, Hook. Spec. i. 1846.
Blue Mt. Peak.

G. FURCATA, (L.) Spreng. Syst. v. 1827. *Acrostichum*, L. Syst. x. 1759. *G. Mathewsii*, Hook. Spec. i. 1846.
Blue Mt. Peak.

G. PECTINATA, (Willd.) Presl, Rel. Hænk. i. 1830. *Mertensia*, Willd. in Act. Holm. 1804.
Port Antonio.

Cyathea, Smith, Mem. Acad. Turin. v. 1791.

C. ARBOREA, (L.) Smith, l. c. *Polypodium*, L. Spec. 1753.
Blue Mt. Peak; Port Antonio, at about 300 ft. altitude.

C. FURFURACEA, Baker.
Blue Mt. Peak.

This is the same as a specimen bearing the above name, in the Herb. Mo. Bot. Garden, collected by Hart in Jamaica. I have been unable to find that the name is published.

Alsophila, R. Br. Prod. 1810.

A. PRUINATA, (Sw.) Kaulf. Enum. Fil. 1824. *Polypodium*, Sw. Fl. Ind. Occ. iii. 1806.
Blue Mt. Peak; Bog Walk (R).

Hymenophyllum, Smith, in Rœmer Arch. i. 1797.

H. POLYANTHOS, (Sw.) Sw. Fl. Ind. Occ. iii. 1806. *Trichomanes*, Sw. Prod. 1788.
Blue Mt. Peak.

H. FUCOIDES, (Sw.) Sw. Fl. Ind. Occ. iii. 1806. *Trichomanes*, Sw. Prod. 1788.
Blue Mt. Peak.

H. ELEGANTULUM.
Blue Mts.

Identical with a specimen so named in Herb. Mo. Bot. Garden, collected by Hart in Jamaica.

Davallia, Smith, Mem. Acad. Turin, v. 1791.

D. CLAVATA, (L.) Sw. Syn. Fil. 1806. *Adiantum*, L. Spec. 1753.
Nassau, in banana holes.

D. ACULEATA, (L.) Smith, in Mem. Acad. Turin, 1793. *Adiantum*, L. Spec. 1753.
Blue Mt. Peak.

D. FUMARIOIDES, Sw. Fl. Ind. Occ. iii. 1806.
Port Antonio.

Adiantum, L. Gen. 1737; Tourn. Inst. 1700.

A. KAULFUSSII, Kunze in Linnæa, 1848.
Port Antonio.

A. INTERMEDIUM, Sw. in Act. Holm. 1817.
Port Antonio; Port Morant.

A. TETRAPHYLLUM, Willd. Spec. v. 1810.
Jamaica.

A. VILLOSUM, L. Syst. x. 1759.
Lucea.

A. PULVERULENTUM, L. Spec. 1753.
Bog Walk; Porus; Port Antonio.

A. MICROPHYLLUM, Kaulf. Enum. Fil. 1824.
Port Morant.

A. TENERUM, Sw. Prod. 1788.
Constant Springs; Lucea; Bog Walk; Port Morant; Port Antonio (R); Porus.

A. FRAGILE, Sw. Prod. 1788.
Bog Walk; Porus.

Cheilanthes, Sw. Syn. Fil. 1806.

C. MICROPHYLLA, (Sw.) Sw. Syn. Fil. 1806. *Adiantum*, Sw. Prod. 1788.
Bog Walk; Constant Springs.

Pteris, L. Gen. 1737.

P. LONGIFOLIA, L. Spec. 1753.
Nassau; Port Morant; Bog Walk; Lucea; Blue Mt. Peak; Porus.

P. HETEROPHYLLA, L. Syst. x. 1759.
Port Antonio.

P. AQUILINA, L., var. LANUGINOSA, (Bory) Hook. Spec. ii. 1858. *P. lanuginosa*, Bory in Willd. Spec. v. 1810.
Nassau.

Var. CAUDATA, (L.) Hook. Spec. ii. 1858. *P. caudata*, L. Spec. 1753.
Blue Mt. Peak.

P. VISCOSA, (St. Hil.) Baker, Syn. Fil. 1868. *Pœsia*, St. Hil. Voy. Distr. Diam. i. 1833.
Blue Mt. Peak.

P. GRANDIFOLIA, L. Spec. 1753.
Lucea.

P. INCISA, Thun. Fl. Cap. 1807–13.
Blue Mt. Peak.

Lomaria, Willd. Berl. Mag. iii. 1809.

L. ONOCLEOIDES, (Sw.) Spreng. Syst. iv. 1827. *Blechnum*, Sw. Syn. Fil. 1806.
Blue Mt. Peak.

L. PROCERA, (Forst.) Spreng. Syst. iv. 1827. *Osmunda*, Forst. Prod. 1786.
Blue Mt. Peak.

Blechnum, L. Spec. 1753.

B. OCCIDENTALE, L. Spec. 1753.
Lucea; Blue Mt. Peak; Port Antonio; Port Morant (R); Porus.

Asplenium, L. Gen. 1737; Tourn. Inst. 1700.

A. FRAGRANS, Sw. Prod. 1788.
Blue Mt. Peak.

Aspidium, Sw. in Schrad. Jour. ii. 1800.

A. RHIZOPHYLLUM, (Sw.) Sw. Syn. Fil. 1806. *Polypodium*, Sw. Prod. 1788.
Port Antonio; Bog Walk.

A. SEMICORDATUM, (Sw.) Sw. Syn. Fil. 1806. *Polypodium*, Sw. Prod. 1788.
Bog Walk.

A. MURICATUM, (Sw.). *Polypodium muricatum*, Sw. Prod. 1788. *A. mucronatum*, Sw. Syn. Fil. 1806. *P. mucronatum*, Sw. Fl. Ind. Occ. iii. 1806.
Blue Mt. Peak.

A. TRIFOLIATUM, (L.) Sw. Syn. Fil. 1806. *Polypodium*, L. Spec. 1753.
Port Antonio; Porus; Bog Walk.

Nephrodium, Michx. Fl. 1803.

N. PATENS, (Sw.) Desv. Mem. Linn. Soc. vi. 1827. *Polypodium*, Sw. Prod. 1788.
Nassau; Port Morant; Grand Cayman.

N. INVISUM, (Sw.) Baker, Syn. Fil. 1868. *Polypodium*, Sw. Prod. 1788.
Blue Mt. Peak.; Blue Mts.

N. SANCTUM, (Sw.) Baker, Syn. Fil. 1868. *Polypodium*, Sw. Prod. 1788.
Port Antonio.

N. CONTERMINUM, (Willd.) Desv. Mem. Linn. Soc. vi. 1827. *Aspidium*, Willd. Spec. v. 1810.
Blue Mt. Peak.

N. SPRENGELII, (Kaulf.) Hook. Spec. iv. 1862. *Aspidium*, Kaulf. Enum. Fil. 1824.
Blue Mt. Peak.

N. DENTICULATUM, (Sw.) Hook. Spec. Fil. iv. 1862. *Polypodium*, Sw. Prod. 1788.
Blue Mt. Peak; Bog Walk.

N. EFFUSUM, (Sw.) Baker, Syn. Fil. 1868. *Polypodium*, Sw. Prod. 1788.
Bog Walk; Port Morant.

N. SCOLOPENDRIOIDES, (L.) Hook. Spec. iv. 1862. *Polypodium*, L. Spec. 1753.
Port Antonio.

N. UNITUM, (L.) R. Br. Prod. 1810. *Polypodium*, L. Syst. x. 1759.
Grand Cayman.

N. SERRA, (Sw.) Desv. Mem. Linn. Soc. vi. 1827. *Polypodium*, Sw. Prod. 1788.
Bog Walk; Blue Mt. Peak; Porus; Port Antonio.

Varies from 6 inches to 4 feet in height with pinnæ 2 to 12 inches long.

N. MOLLE, (Jacq.) Desv. Mem. Linn. Soc. vi. 1827. *Polypodium*, Jacq. Ic. Rar. 1786–93.
Blue Mts. (R).

N. CICUTARIUM, (L.) Baker, Syn. Fil. 1868. *Polypodium*, L. Syst. x. 1759.
Port Antonio; Bog Walk; Port Morant (low form).

N. MACROPHYLLUM, (Sw.) Baker, Syn. Fil. 1868. *Aspidium*, Sw. Syn. Fil. 1806.
Bog Walk; Port Antonio.

Nephrolepis, Schott, Gen. Fil. fasc. i. 1834.

N. CORDIFOLIA, (L.) Baker, Syn. Fil. 1868. *Polypodium*, L. Spec. 1753. *N. tuberosa*, Presl, Pterid. 1836.
Blue Mt. Peak.

N. EXALTATA, (L.) Schott, Gen. Fil. 1834. *Polypodium*, L. Syst. x. 1759.
Port Antonio; Bog Walk.

N. ACUTA, (Schk.) Presl, Pterid. 1836. *Aspidium*, Schk. Fil. 1806.
Port Morant; Port Antonio.

Polypodium, L. Gen. 1737; Tourn. Inst. 1700.

P. SAGITTATUM, Sw. Prod. 1788. *P. hastæfolium*, Sw. Syn. Fil. 1806. *P. hastatum*, Sw. Fl. Ind. Occ. iii. 1806.
Port Antonio.

P. CRENATUM, Sw. Prod. 1788.
  Port Antonio.

P. TETRAGONUM, Sw. Prod. 1788 (as P. 4-gonum).
  Lucea; Port Antonio.

  Var. MEGALODUM, (Schk.) Baker, Syn. Fil. 1868.
    P. megalodum, Schk. Fil. 1806.
  Port Morant.

P. TRICHOMANOIDES, Sw. Prod. 1788.
  Blue Mts. (R).

P. TAXIFOLIUM, L. Spec. 1753.
  Blue Mt. Peak; Lucea.

P. PILOSELLOIDES, L. Spec. 1753.
  Port Antonio.

P. LORICEUM, L. Spec. 1753.
  Blue Mt. Peak.

P. POLYPODIOIDES, (L.). *Acrostichum polypodioides*, L. Spec. 1753. *P. incanum*, Sw. Prod. 1788.
  Port Morant.

P. SQUAMATUM, L. Spec. 1753.
  Blue Mt. Peak.

P. AUREUM, L., var. AREOLATUM, (HBK.) Baker, Syn. Fil. 1868. *P. areolatum*, HBK. in Willd. Spec. v. 1810.
  Port Antonio.

P. ANGUSTIFOLIUM, Sw. Prod. 1788.
  Blue Mt. Peak.

P. PHYLLITIDIS, L. Spec. 1753.
  Port Morant; Porus.

P. LANCEOLATUM, L. Spec. 1753.
  Blue Mt. Peak.

P. SWARTZII, Baker, Syn. Fil. 1868. *P. serpens*, Sw. Prod. 1788 ("non Forst.").
  Constant Springs.

P. LYCOPODIOIDES, L. Spec. 1753.
  Port Morant; Port Antonio.

P. CRASSIFOLIUM, L. Spec. 1753.
  Blue Mt. Peak.

Gymnogramma, Desv. Berl. Mag. 1811. (*Gymnogramme,* Kunze, Flora, i. 1824.)

G. TARTAREA, (Sw.) Desv., var. ORNITHOPTERIS, (Klotzsch) Baker, Syn. Fil. 1868. *Gymnogramme ornithopteris* Klotzsch in Linnæa, xx. 1847.

Blue Mt. Peak.

G. CALOMELANOS, (L.) Kaulf. Enum. Fil. 1824. *Acrosticum,* L. Spec. 1753.

Port Antonio; Port Morant.

Meniscium, Schreb. Gen. ii. 1791.

M. RETICULATUM, (L.) Sw. Syn. Fil. 1806. *Polypodium,* L. Syst. x. 1759.

Port Antonio.

Antrophyum, Kaulf. Enum. Fil. 1824.

A. LANCEOLATUM, (L.) Kaulf. Enum. Fil. 1824. *Hemionitis,* L. Spec. 1753.

Port Antonio.

Vittaria, Smith in Mem. Acad. Turin, 1791.

V. LINEATA, (L.) Sw. Syn. Fil. 1806. *Pteris,* L. Spec. 1753.

Port Antonio.

Acrosticum, L. Gen. 1737. *Acrostichum,* Halle, Stirp. Helv. i. 1742.

A. LEPIDOTUM, Willd. Spec. v. 1810.

Blue Mt. Peak.

A. AUREUM, L. Spec. 1753.

Port Morant; Grand Cayman.

Anemia, Sw. Syn. Fil. 1806. *Aneimia,* Kaulf. Enum. Fil. 1824.

A. ADIANTIFOLIA, (L.) Sw. Syn. Fil. 1806. *Osmunda,* L. Spec. 1753.

Nassau; Port Morant; Port Antonio; Lucea; Bog Walk.

THE RELATIONS OF THE BAHAMA FLORA.

The Bahama Islands and the supporting banks occupy an irregular triangle, the three angles of which are located approximately as follows;* the northwest part of Little Bahama bank, 27° 25′ north latitude, 79° 10′ west longitude; the southwest part of Great Bahama bank, 23° north latitude, 79° west longitude; Navidad bank a little east and south of 20° north latitude, 69° west longitude. The most easterly islands are, however, the Turk's Islands, about 21° 30′ north latitude, 71° west longitude. The measurements are all taken from the 100 fathom line as in most cases the water abruptly deepens from generally less than 15 fathoms to 100 or 200 fathoms. At the north is Little Bahama bank on which is Great Bahama and Abaco islands, the latter being continued along the northeast edge by a line of cays. This bank is separated from Great Bahama bank by Northeast Providence Channel to the southeast with a least width of twenty-two miles and a greatest depth of 2,222 fathoms, and Northwest Providence Channel to the south with a width of twenty and thirty miles at the east and west extremities and a depth of 1,312 and 439 fathoms. From Florida it is separated by a distance of fifty miles and a depth of 439 fathoms.

Great Bahama bank is deeply indented from the north by the tongue of the ocean having a depth of 740 to 1,200 fathoms. The westerly portion is separated from Florida at the north by forty miles and a depth decreasing from 520 to 460 fathoms. Santarem Channel separates it from Salt Cay Bank to the southwest, width thirty miles, depth 340 to

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* The hydrographic data are from United States Coast and Geodetic Survey Charts, Nos. 21, 26a, 944, 946 and 947, which were kindly sent me by the Hydrographer, U. S. N.

360 fathoms. The latter is about the same distance from Cuba, with a channel about as deep. The channel between the Great Bahama bank and Cuba gradually narrows to about twelve miles at its southwestern bend. The shallowest portion is southeast of Salt Cay bank where the greatest depth is about 260 fathoms. The edge of the bank now turns east and the water to the south quickly deepens to 700 and 800 fathoms. The bank extends east nearly to 75° west longitude, then north and west with a long arm lying to the east of the tongue of the ocean, including Long Island, Great Exuma, and at the northwest corner New Providence. This portion is deeply indented from the southeast by Exuma Sound, the bank passing around this, with Eleuthera and Cat Island separating it from the ocean. Exuma Sound has a depth of 800 to 1,000 fathoms. The depth of water over the banks is rarely more than fifteen fathoms.

In a line with this eastern ridge and south of Cat Island are Conception Island, distant twenty miles, and Rum Cay, ten miles further. There is a depth of 800 fathoms between the first two, and 650 fathoms between the second and third. Watling's Island, about seventeen miles northeast of Rum Cay, is quite isolated, being separated from the latter by 1,260 fathoms and from Cat Island by 2,480 fathoms.

East of the southern end of Great Bahama bank lies the Acklin Island group with Crooked Island Passage between. This consists of Crooked, Fortune and Acklin islands. The passage at the narrowest place is about thirty miles wide and a greatest depth of 1,290 fathoms. In a southeasterly direction lie Mariguana, Caicos, and finally Turk's Islands. The deep soundings for the channels separating these are not given on the charts. This extension is separated from Haiti by deep water, mostly over 2,000 fathoms. Inagua, about sixty miles north of the west end of Haiti, is the most southerly island of the Bahamas. The distance from Cuba is about fifty miles and the depth decreases somewhat, the deepest sounding being 1,698 fathoms. From this the depth decreases going up the Old Bahama Channel to 700 or 800 fathoms south of the Great Bahama bank.

This in a general way shows the relation between the islands forming the Bahamas, and between this group and Florida, and the two islands Haiti and Cuba.

The charts show that there is a submarine ridge connecting Yucatan and Cuba. The shortest distance is about fifteen miles, but the shallowest water lies somewhat to the north with a depth of about 600 fathoms, and an extreme depth* of over 1,000 fathoms. A similar ridge connects Honduras and Jamaica, but the extreme depth is only 700 or 800 fathoms. Jamaica and Cuba are separated by deep water of 1,100 to 2,000 fathoms; Jamaica and Haiti by shallower water, but an extreme depth of over 1,000 fathoms. Cuba and Haiti are connected by a submarine ridge lying north of the shortest line connecting them, which is probably nowhere over 900 fathoms deep. From Haiti through Puerto Rico and the Windward Islands to South America, the islands are not separated by more than 1,000 fathoms of water. There is a narrow channel east of the Virgin Islands which is somewhat deeper, but a narrow ridge separates this from the Caribbean Sea, and connects Puerto Rico with Santa Cruz, which is covered by less than 1,000 fathoms.

If from any cause the depth of the water of the ocean should be lessened by 100 fathoms there would be exposed the Little Bahama and Great Bahama banks and several of the smaller banks to the southeast. The Bahamas would be separated from the surrounding islands and from Florida, and the important channels would still occupy the same places. If reduced by 300 fathoms the Great Bahama bank would be united with Cuba. If the water were 500 fathoms shallower than at present, the Little and Great Bahama banks would be united with Florida, and some of the Windward Islands would be connected. It is not, however, till a layer of water 1,000 fathoms deep is removed that important changes would occur. Jamaica would be united with Honduras, Cuba with Florida, and also with South America through the Windward Islands. There would be a narrow channel between Cuba and Yucatan, between Jamaica and Haiti, and a wide and deep channel between Jamaica and Cuba. Watling's, the Acklin Island group and Inagua would still be isolated and the distances between them and the neighboring land would not be materially diminished.

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* By extreme depth is meant the deepest point on a curve connecting the shallowest points.

The ocean current flows westward into the Caribbean Sea and also to the north of the Windward Islands, at the rate of one-half to three-fourths knots per hour. It increases in speed as it flows west and north into the Gulf of Mexico, sweeps over the Campeche or Yucatan bank, along the coast of Mexico and finally returns towards Florida, passes between that peninsula and Cuba, then northward along the coast into the Altantic Ocean. The Gulf.Stream attains its maximum speed of about five knots per hour along the southern coast of Florida. The portion which flows along the eastern edge of the Windward Islands and the Bahamas, the Equatorial Current, finally joins the Gulf Stream. This is only the general tendency of the currents as less water flows out through the Straits of Florida than can flow in between the Windward Islands.

The prevailing winds in the West Indies are, of course, easterly, but cold winds called "northers" are of frequent occurrence in the northern part in winter.

There have been many speculations concerning the geological history of the West Indian region. To account for the distribution of the fauna and flora, many naturalists have considered the probability of an ancient land connection between the islands and the mainland. It is hardly probable under any theory that the ocean bed below the 1,000 fathom line was ever above water. If that portion within the 1,000 fathom line was ever exposed it must have since subsided, or, as Belt suggests (The Naturalist in Nicaragua, p. 266 *et seq.* with references), the water may have been withdrawn to form the great ice-cap at the north during the Glacial Epoch. But, in the latter case, the estimated lowering of 1,000 feet (166 fathoms) would lay bare the banks, but would not make any important connections.

The Greater Antilles are of ancient formation and may have been connected with Mexico and Central America, at some remote period. But the Bahamas, the Windward Islands and the southern extremity of Florida are of recent origin. The whole area seems now to be in a process of elevation as shown by the elevated reefs of Cuba and other islands, and by the present growth of the submarine banks as the Yucatan and Bahama banks. From the number of endemic species of Phenogams in the larger islands it is probable that they have been separated from the mainland for some time.

According to Agassiz,* at the time of the elevation of the Isthmus of Panama, the Gulf Stream turned north between Mexico and Cuba and passed around Florida through a much wider channel than now. The Bahama banks and the submarine plateau to the east of the South Atlantic States had already been gradually built up by the lime deposits from the animal life supported by the northern trend of the Equatorial Current. The Gulf Stream now began to build a similar bank to the west of Florida and was active in the southward extension of this peninsula, thus gradually narrowing its channel as it swept through the Straits of Florida. As the channel narrowed the current became swifter and the erosion at the bottom became greater. In this way the plateau was again cut down along the line of the stream, especially between Florida and the Bahama banks.

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* Three Cruises of the U. S. Coast and Geodetic Survey Steamer "Blake."

It would seem to the writer that the ordinary methods of dissemination would account for the flora of the Bahama Islands without calling in the aid of hypotheses founded on ancient land connection. There are probably no more endemic species than would be found if all the islands were at present connected. It seems hardly reasonable to suppose that Watling's, Crooked Island or Inagua have ever been connected with Cuba or any of the other islands, yet the flora of these have about the same relation to Cuba as do the islands of the Bahama bank. From the table it will be seen that the flora comes from the south, that it is essentially Cuban and that this flora has also established itself in the extreme southern part of Florida, where it is found only on the most recent formations. Climatic conditions undoubtedly prevent any great extension to the north, but most of the plants would probably extend further north than they do, were they not brought into competition with an established flora. On the other hand very few plants from the Southern States have found their way to the Bahamas, and those that have are mostly such as are of wide distribution in the Tropics and hence just as probably came from the south as from Florida.

Again, the facilities for distribution, the ocean currents and the prevailing winds, are from the south to the north. The Gulf Stream not only tends to bring plants from the south but quite effectually prevents any from drifting from Florida to the Bahamas. The current is so strong that the occasional northers would be more than counteracted, while the easterly winds are favored. What is true of the Gulf Stream to the west of the Bahamas is also true of the Equatorial Current to the east. Distribution by birds is apparently of little importance or we should find more plants with pulpy fruits brought from Florida. Maritime plants are easily distributed by currents as their seeds are not injured by the salt water, and furthermore, as stated by Hemsley and Wallace, when cast ashore they find a suitable place for germination, while many other seeds although transported fail to be placed in a favorable situation. I collected several beans of *Gigalobium scandens* on various beaches, but the plant had not gained a foot-hold as its habitat is the dense woods of the larger islands. But the bulk of the flora of the Bahamas is either maritime or such as would, under favorable conditions, be likely to pass through the salt water ordeal successfully. The islands are all low and probably most of the species are found within the influence of the sea.

It will be observed that more species are represented in the collections from New Providence than from any of the other islands, although no more thorough search was made. This is probably due to the fact that Nassau is the chief port of the Colony and the facilities for plant distribution are thus increased.

The following is a tabulated statement of the plants collected in the Bahama Islands showing their distribution, so far as shown by my collections, in the islands visited, and also the occurrence of said species in the adjacent regions. For the latter I have taken as the basis, Grisebach's Catalogus Plantarum Cubensium, Eggers' Flora of St. Croix and the Virgin Islands, Hemsley's Biologia Centrali Americani, and for the United States various works on American botany. The distribution in South America was taken from Grisebach's Flora of the British West Indies.

TABULATED DISTRIBUTION.*

NAME OF SPECIES.	Nassau.	Eleuthera.	Cat.	Watling's.	Crooked Fortune.	Inagua.	Cuba.	Mex. or Cent. Am.	S. Amer.	Virgin Is.	S. Fla.	
Clematis Flammulastrum		0					0	0				
Argemone Mexicana	0	0			0	0	0	0				1
Lepidium Virginicum	0	0	0			0	0	0		0		1
Gynandropsis pentaphylla	0	0					0			0		1
Myroxylon buxifolium	0						0					
Portulaca oleracea and var.	0	0				0	0	0		0		1, 2
pilosa		0		0	0	0	0	0		0	0	
Malvastrum Americanum	0					0	0				0	
Sida acuminata		0	0		0					0		
ciliaris					0	0	0			0	0	
carpinifolia	0	0				0	0	0		0		
glomerata					0		0	0		0		
spinosa and var		0				0	0	0		0		1, 2
Bastardia viscosa	0						0	0		0		
Abutilon crispum		0					0	0	0		0	
permolle	0	0				0	0				0	
Pavonia Bahamensis					0							
Thespesia populnea	0						0			0		3
Gossypium Barbadense		0			0			0		0		
Helecteres Jamaicensis	0	0				0	0	0		0		
semitriloba						0	0					
Melochia tomentosa and var	0	0	0			0	0	0		0		
nodiflora	0						0	0	0	0		
Waltheria Americana	0	0	0		0		0	0		0	0	
Ayenia pusilla			0				0	0	0	0	0	
Triumfetta althæoides	0	0	0				0	0	0	0		
Corchorus hirsutus		0	0	0	0	0	0			0		
siliquosus	0	0					0	0	0	0		1
Erythroxylum brevipes					0		0					
Malpighia punicifolia				0			0	0	0			
setosa			0				0					
Triopteris Jamaicensis		0	0				0					
Tribulus cistoides					0		0	0	0	0	0	
maximus					0		0	0	0	0		1
Guaiacum sanctum					0		0				0	
Oxalis corniculata var.	0						0	0		0		1, 2
Zanthoxylum emarginatum			0				0					
Fagara	0	0	0				0	0			0	
Suriana maritima	0	0	0		0		0			0	0	2
Bursera angustata						0	0					
Simaruba	0	0	0		0		0	0		0	0	
Amyris maritima					0	0	0				0	
Swietenia Mahagoni	0				0	0	0	0	0	0	0	
Maytenus buxifolius			0		0		0					
Crossopetalum Rhacoma			0	0	0	0	0				0	
aquifolium		0					0				0	
Schæfferia frutescens		0					0	0	0	0	0	
Rhamnidium revolutum				0			0			0	0	
Reynosia latifolia		0	0				0			0	0	
Vitis rotundifolia	0											1

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* NOTES: 1. Extending into Southern U. S., north of semitropical Florida. 2. Widely distributed in the warmer regions. 3. Introduced from the old world. 4. Occurring in Hayti. 5. In the Windward Is. 6. In Jamaica. 7. In Grand Cayman. 8. *Setaria setosa* ranges from Cuba to Mexico and South America. 9. *Pteris aquilina* is widely distributed.

TABULATED DISTRIBUTION — *Continued.*

Name of Species.	Nassau.	Eleuthera.	Cat.	Watling's.	Crooked Fortune.	Inagua.	Cuba.	Mex. or Cent. Am.	S. Amer.	Virgin Is.	S. Fla.	
Cissus rhombifolia	0	0	0				0	0	0	0		
sicyoides	0						0	0		0	0	
Seriania lucida		0	0				0			0		
paniculata		0	0				0	0	0			
Cardiospermum Halicacabum	0						0	0		0	0	
Thyana discolor	0	0	0		0	0						
Dodonæa viscosa var.			0			0						
Alvaradoa amorphoides	0						0	0				
Rhus oxymetopium	0		0		0	0	0					
Crotalaria pumila	0	0	0				0	0		0	0	
verrucosa	0											3
Indigofera anil	0	0				0	0	0		0		1
Colinil cinereum		0					0	0	0	0		
Stylosanthes hamata	0	0			0	0	0	0	0	0		
Desmodium incanum	0	0	0				0	0		0	0	
Centrosema Virginiana and var.	0	0	0		0	0	0	0	0	0		1, 2
Clitoria Ternatea						0	0			0		
Teramnus uncinatus	0						0	0	0	0		
Galactia angustifolia						0	0					
galactioides				0	0		0					
Rudolphioides	0	0	0		0		0					
tenuiflora	0			0		0	0	0	0	0		
Canavali obtusifolia	0	0				0	0	0	0	0	0	
gladiata	0						0	0	0	0		
Phaseolus semierectus	0						0	0	0	0		
Rhynchosia minima						0	0	0	0			1
Ichthyomethia Piscipula			0					0	0	0	0	
Sophora tomentosa					0	0	0	0	0	0	0	
Ateleia multijuga			0				0					
Cæsalpinia Bonducella	0	0				0	0	0		0	0	
crista						0	0					
Cassia Bahamensis	0	0	0	0							0	
biflora	0	0			0	0	0				0	
nictitans	0	0					0	0	0	0		1
occidentalis	0	0			0	0	0	0	0	0		1
polyadena	0		0		0		0					
Tora		0					0	0	0	0		1
uniflora	0					0	0	0	0			
villosa	0							0				
Desmanthus depressus						0		0	0	0	0	
virgatus	0	0					0	0	0	0	0	
Mimosa Bahamensis					0	0						
Leucæna glauca	0	0	0		0		0	0		0	0	2
Acacia Farnesiana	0				0	0		0		0		1, 2
Lebbeck	0						0			0		
Lysiloma formosa	0	0			0		0					
latisiliqua			0		0	0					0	
Calliandra gracilis		0	0				0					
hæmatoma						0						4
Pithecolobium asplenifolium		0					0					
Unguis-Cati	0	0	0		0		0			0	0	
Chrysobalanus Icaco	0						0	0	0	0	0	
Bryophyllum pinnatum	0							0		0	0	3
Rhizophora Mangle			0		0		0	0		0	0	
Buceras angustifolia						0	0	0		0		
Conocarpus erectus and var	0	0	0	0	0	0	0	0		0	0	
Laguncularia racemosa					0		0				0	
Eugenia buxifolia	0		0		0		0			0	0	
monticola	0	0					0			0	0	
Tetrazygia bicolor	0						0					
Parsonsia radicans	0						0					
Bonara reticulata	0						0					
Turnera diffusa						0	0					
ulmifolia	0	0	0		0		0	0	0	0		
Passiflora ciliata var.		0	0		0		0					
cupræa	0	0	0				0					
fœtida	0						0	0	0	0		

TABULATED DISTRIBUTION — *Continued.*

NAME OF SPECIES.	Nassau.	Eleuthera.	Cat.	Watling's.	Crooked Fortune.	Inagua.	Cuba.	Mex. or Cent. Am.	S. Amer.	Virgin Is.	S. Fla.	
Passiflora minima	0	0				0	0					
pallida		0					0			0	0	
villosa				0								5
Anguira pedata		0					0	0				
Cereus Swartzii			0		0	0						6
Opuntia spinosissima					0	0				0		
Tuna					0	0	0	0	0	0	0	
Sesuvium Portulacastrum		0	0		0		0			0		1
Exostema Caribæum					0		0	0	0	0	0	
Rachicallis Americana	0						0					
Hamelia patens	0						0	0	0	0	0	
Catesbæa parviflora					0		0			0	0	
Randia aculeata	0	0	0		0		0			0	0	4, 5
Genipa clusiæfolia	0		0	0	0		0				0	
Guettarda calyptrata						0	0					
elliptica	0	0			0	0	0				0	
scabra	0					0	0	0		0	0	
Laugeria densiflora	0						0					
Erithalis fruticosa	0	0	0	0	0	0	0	0		0	0	
Chiococca alba	0	0	0				0	0	0	0	0	
parvifolia	0				0				0		0	5, 7
Phialanthus myrtilloides					0		0					
Strumpfia maritima	0	0		0	0		0				0	
Myrstiphyllum undatum	0	0	0								0	
Ernodea littoralis	0		0	0	0	0				0	0	5, 7
Spermacoce tenuior		0			0	0	0	0	0	0	0	
aspera	0	0	0			0	0		0			
lævis	0						0	0				
thymocephala			0		0		0					
Vernonia Bahamensis			0			0						
Ageratum conyzoides	0				0	0	0	0		0		1
Eupatorium ageratifolium	0						0					
repandum					0		0			0		
villosum	0		0				0				0	
Solidago Domingensis			0		0	0	0					4
Erigeron Canadensis	0		0				0	0		0		1, 2
Baccharis dioica	0	0				0				0		5, 6
Pluchea odorata						0	0	0	0	0		
Parthenium Hysterophorus	0	0	0			0	0	0	0	0		1
Iva cheiranthifolia	0						0					
Ambrosia artemisiæfolia	0						0	0		0		1, 2
crithmifolia	0	0			0		0	0			0	
Xanthium strumarium	0											1, 2
Borrichia arborescens	0		0		0		0			0	0	
Wedelia buphthalmoides	0	0	0									
Eleutheranthera ruderalis		0					0					
Amellus asper	0	0			0		0	0	0	0		
Verbesina encelioides		0					0	0	0		0	
Ucacou nodiflorum	0						0	0	0	0		
Bidens bipinnata	0						0	0	0	0		1, 2
leucantha	0	0						0	0	0	0	
pilosa	0	0						0	0			
Pectis linifolia	0									0	0	
Emilia sonchifolia	0						0			0		
Anastraphia paucifloscula					0	0						4
Chaptalia nutans	0						0	0	0	0		
Lactuca Intybacea						0	0	0				
Sonchus oleraceus	0	0					0			0		1
Scævola Plumieri		0			0		0	0		0	0	2
Plumbago scandens	0						0	0	0	0	0	
Jacquinia armillaris	0	0	0		0			0	0	0	0	4, 5
Lyciodes retusum			0				0					
Mimusops Sieberi					0		0				0	
Diospyros halesioides		0			0		0					
Plumeria emarginata		0					0					
obtusa			0		0	0	0					
sericifolia						0	0					

TABULATED DISTRIBUTION — *Continued.*

NAME OF SPECIES.	Nassau.	Eleuthera.	Cat.	Watling's.	Crooked Fortune.	Inagua.	Cuba.	Mex. or Cent. Am.	S. Amer.	Virgin Is.	S. Fla.	
Echites Andrewsii	0	0	0	0			0	0		0	0	
Sagræa	0						0				0	
suberecta		0		0	0	0	0					
umbellata	0	0	0		0	0	0	0			0	
Calotropis procera					0					0		3
Asclepias Curassavica	0						0	0		0	0	
Metastelma Schlechtendahlii		0			0	0		0		0		
Vincetoxicum palustre					0	0				0		1
Spigelia anthelmia.,		0			0		0	0	0			
Polypremum procumbens						0		0				1
Cordia globosa				0			0	0		0	0	5
Sebestena	0					0	0				0	
Bourreria Havanensis	0	0	0		0		0				0	
Tournefortia gnaphalodes	0	0		0		0	0			0	0	
poliochros					0		0					
volubilis	0	0				0	0			0	0	
Heliotropium Curassavicum	0		0		0	0	0	0	0	0		1
inundatum					0	0	0	0	0			
microphyllum						0	0					
parviflorum	0	0	0			0	0	0	0	0	0	
Ipomoea Jamaicensis		0					0	0	0			
microdactyla	0	0					0					
Pes-capræ	0				0	0	0	0		0		1, 2
repanda		0	0		0		0					
sinuata	0	0					0	0	0	0		1
triloba	0	0			0	0	0	0		0	0	
tuba	0									0		
Convolvulus Jamaicensis	0	0	0		0	0	0					
Evolvulus alsinoides		0	0		0	0	0				0	
arbuscula		0			0	0	0					
nummularius	0	0					0	0	0	0		
Cuscuta Americana		0					0	0		0		
Solanum aculeatissimum	0						0	0	0	0		1
Bahamense and var	0	0	0	0	0		0	0		0	0	
igneum				0			0					
nigrum and var	0					0	0	0		0		1, 2
torvum	0						0	0		0		
verbascifolium	0	0					0	0		0	0	
Capsicum frutescens						0		0	0	0	0	5
Datura fastuosa			0				0			0		
Metel						0	0	0		0		
Cestrum pallidum	0		0									4
Stemodia durantifolia			0				0	0	0	0		
maritima	0	0					0					
Moniera Brownei			0				0	0		0		1, 2
Capraria biflora and var	0		0	0	0	0	0	0	0	0	0	
Catalpa longissima			0							0		4
Tabebuia Leucoxylon		0	0				0			0		
Tecoma stans	0							0		0	0	
Jacaranda cærulea			0									
Thunbergia alata	0									0		3
Blechum Brownei	0						0	0	0	0		
Lantana Camara				0			0	0	0	0		1
crocea	0	0	0				0		0			
involucrata	0	0	0	0	0	0	0	0	0	0	0	
Lippia nodiflora	0	0	0			0	0	0		0		1, 2
Abena Jamaicensis	0	0	0		0	0	0	0	0	0	0	
Priva lappulacea		0				0	0	0	0	0	0	
Citharexylon villosum	0		0				0	0		0	0	
Duranta repens	0	0					0	0	0	0	0	
Callicarpa fulva			0				0					
Petitia Pœppigii		0					0	0		0		
Avicennia nitida					0		0			0	0	
Hyptis pectinata						0	0	0	0	0	0	
suaveolens		0					0	0	0	0		
Salvia serotina		0	0	0	0	0	0	0		0	0	
tenella		0					0					

TABULATED DISTRIBUTION — *Continued.*

NAME OF SPECIES.	Nassau.	Eleuthera.	Cat.	Watling's.	Crooked Fortune.	Inagua.	Cuba.	Mex. or Cent. Am.	S. Amer.	Virgin Is.	S. Fla.	
Leonurus Sibirica	0	....	....	....	....	....	0	....	....	0	....	1
Leonotis nepetæfolia	0	0	....	....	....	0	0	....	....	0	....	1
Teucrium Cubense	....	....	0	....	....	0	0	0	0	....	....	....
Boerhaavia paniculata	0	0	....	....	....	....	0	0	....	0	....	....
scandens	....	0	....	....	....	....	0	0	0	....	....	....
Pisonia discolor	....	0	0	....	....	....	0	....	....	....	....	....
obtusata	0	....	....	....	0	....	0	....	....	....	0	....
Amaranthus gracilis	....	0	....	....	0	....	0	....	....	0	....	....
paniculatus	....	....	....	....	0	....	0	....	....	0	0	....
polygonoides	....	0	....	....	....	0	0	0	0	0	0	....
spinosus	0	....	....	....	....	....	0	0	....	0	....	1, 2
Achyranthes aspera var	0	....	....	....	....	....	0	0	....	0	....	2
Alternanthera muscoides	....	....	....	....	....	0	0	....	....	....	....	....
repens	0	....	....	....	....	....	0	0	....	0	....	1
Philoxerus vermicularis	....	0	....	....	....	....	0	0	0	0	0	....
Iresine celosioides	....	0	0	0	....	....	0	0	....	....	....	1
Chenopodium murale	....	0	....	....	....	....	0	....	....	0	....	1, 3
Atriplex cristata	0	....	....	....	....	....	0	....	....	0	0	....
Salicornia ambigua	....	....	....	....	0	....	0	....	....	....	....	1
Rivina humilis and var	0	....	0	....	....	....	0	0	....	0	0	2
Batis maritima	....	....	....	....	....	0	0	....	0	0	....	1
Coccoloba uvifera	0	....	0	0	0	0	0	0	0	0	0	....
laurifolia	0	0	....	....	0	0	0	....	....	0	0	....
Nectandra sanguinea	0	....	....	....	....	....	0	0	0	....	....	....
Cassytha filiformis	0	0	0	....	....	....	0	0	....	0	0	2
Phoradendron tetrastichus	....	....	....	....	0	....	0	....	....	....	....	....
Euphorbia Blodgettii	0	0	0	....	0	0	....	....	....	....	0	....
buxifolia	0	0	0	0	0	0	0	0	0	0	0	....
heterophylla and var	0	0	0	....	0	0	0	0	0	0	....	1
hypericifolia	0	0	....	....	....	0	0	0	0	0	....	1
pilulifera	0	0	0	....	....	0	0	0	0	0	0	....
punicea	....	....	....	....	0	0	0	....	....	....	....	....
Phyllanthus epiphyllanthus	0	0	0	0	0	0	0	....	....	0	....	....
Niruri	....	....	....	....	0	0	0	0	0	0	0	2
Jatropha gossypifolia	0	....	....	....	....	....	0	0	0	0	0	....
Croton Cascarilla and var	0	0	0	0	....	....	0	....	....	....	0	....
Eleuteria	....	0	....	....	....	....	....	....	....	....	....	....
Hjalmarsonii	....	....	....	....	0	0	....	....	....	....	....	....
humilis and var	....	....	0	....	....	....	....	0	....	0	0	4
Argythamnia candicans	....	....	0	0	....	....	0	0	....	0	....	....
Bernardia Mexicana	....	0	0	....	....	....	0	0	0	....	....	....
Acalypha alopecuroides	0	0	....	....	....	....	0	0	0	....	....	....
Hippomane Mancinella	....	....	....	....	....	0	0	0	0	0	0	....
Gymnanthes lucida	....	0	....	....	....	....	0	....	....	0	0	....
Trema Lima	0	0	....	....	....	....	0	0	0	0	0	....
Ficus lævigata	....	....	....	....	0	....	0	....	....	0	....	....
dimidiata	....	0	....	....	....	....	0	....	....	....	....	....
pertusa	....	....	0	....	....	....	0	....	0	....	....	....
Fleurya æstivans	0	....	....	....	....	....	0	0	0	0	....	....
Pilea microphylla	0	....	....	....	....	....	0	0	....	0	....	....
Rousselia lappulacea	0	....	....	....	....	....	0	....	....	0	....	....
Epidendrum altissimum	....	0	0	....	....	....	....	....	....	....	....	....
virens	....	....	0	....	....	0	0	0	....	....	....	....
Tillandsia Balbisiana	0	....	....	....	....	....	0	....	....	....	....	....
bulbosa	....	....	0	....	....	0	0	0	0	....	0	....
fasciculata	....	....	....	....	0	0	0	0	0	....	....	....
flexuosa	....	....	....	....	....	0	0	0	0	....	0	....
recurvata	....	....	0	....	....	....	0	0	0	0	0	....
utriculata	....	....	0	....	....	0	0	....	....	....	0	....
Agave sobolifera	....	0	0	....	....	....	0	....	....	0	....	....
Rajania hastata	0	....	0	....	....	....	0	....	....	0	....	....
Smilax Domingensis	0	....	0	....	0	....	0	....	....	....	....	....
Havanensis	0	....	....	....	....	....	0	0	....	0	0	....
Commelina nudiflora	0	....	....	....	....	....	0	....	....	0	....	1
Rhoeo discolor	0	....	....	....	....	....	0	0	....	0	....	....
Sabal umbraculifera	....	....	0	....	....	....	0	....	....	....	....	....
Thrinax argentea	....	0	0	....	....	....	0	0	....	0	0	....

TABULATED DISTRIBUTION — *Continued.*

NAME OF SPECIES.	Nassau.	Eleuthera.	Cat.	Watling's.	Crooked Fortune.	Inagua.	Cuba.	Mex. or Cent. Am.	S. Amer.	Virgin Is.	S. Fla.	
Thrinax parviflora				0						0	0	4
Cyperus aristatus			0			0	0	0	0			
brunneus	0	0	0		0	0	0	0		0	0	
filiformis	0				0		0			0	0	
ligularis	0					0	0	0	0	0	0	
rotundus	0						0			0		1
viscosus		0				0	0	0	0	0		
Eleocharis capitata			0				0	0		0		1, 2
cellulosa						0	0					1
Dichromena colorata	0				0	0	0	0	0			
Iria ferruginea	0					0	0	0		0		
spadicea	0		0		0	0	0	0	0			1
Rhynchospora cyperoides						0	0					
Cladium Mariscus	0				0		0	0	0			
Scleria filiformis	0	0					0				0	
Paspalum cæspitosum	0		0			0	0			0		
distichum					0		0	0		0		1, 2
fimbriatum	0								0			5
glabrum		0	0	0	0	0	0			0		
nanum						0	0					
Panicum dichotomum var					0		0					
distantiflorum						0	0					
divaricatum	0	0	0		0		0				0	
horizontale		0					0					2
insulare		0	0				0					
Linkianum	0	0			0	0	0					
maximum	0				0		0	0	0	0	0	
molle	0						0	0	0	0		1
paspaloides					0	0	0	0	0	0	0	
Setaria caudata		0						0	0	0		8
glauca	0	0				0	0			0		1
Cenchrus echinatus and var	0	0			0	0	0	0	0	0		1
tribuloides	0				0	0		0	0			1, 2
Stenotaphrum Americanum	0						0	0		0		1, 2
Andropogon glomeratus	0	0			0	0	0	0				1
Aristida scabra	0	0	0		0		0				0	
stricta					0		0	0		0		1
Sporobolus Domingensis		0			0	0		0			0	4
Indicus		0					0	0		0		1, 2
Jacquemontii		0					0					
Virginicus	0				0	0	0	0		0		1, 2
Capriola Dactylon	0						0	0		0		1, 2
Chloris barbata						0			0			6, 3
cruciata					0	0	0					
petræa	0	0	0	0	0		0	0	0			1
polydactyla	0	0						0	0			6
radiata	0						0	0	0	0		
Bouteloua Americana						0			0	0		5, 6
Eleusine Ægyptia	0	0			0	0	0	0		0		1, 2
Indica	0	0			0	0	0	0		0		1, 2
Leptochloa virgata		0					0	0	0	0		
Eragrostis Bahamensis						0						
ciliaris	0	0	0			0	0	0	0	0		1
major						0						2
Uniola paniculata	0	0	0		0		0	0	0			1
Distichlis spicata						0						1
Arthrostylidium capillifolium	0		0				0			0		
Pinus Bahamensis	0											
Davallia clavata	0						0					5
Pteris aquilina var. lanuginosa	0							0				9
longifolia	0						0	0	0	0	0	
Nephrodium patens	0						0	0	0			1
Anemia adiantifolia	0						0	0	0		0	

From the above table the following condensed statements can be gleaned:—

Total in the Bahamas	380
Of which are found also in Cuba	321
“ “ “ Mexico or Central America	197
“ “ “ South America	117
“ “ “ Virgin Islands	207
“ “ “ South Florida	129
“ “ “ Southern United States	68
Found in Cuba and also Mexico or Central America	718
“ “ “ South America	103
“ “ “ Virgin Islands	186
“ “ “ South Florida	111

The 59 found in the Bahamas and not in Cuba are distributed as follows:—

Peculiar to Bahamas	13
Found also in Mexico	2
“ “ South America	2
“ “ Virgin Islands	7
“ “ South Florida	4
“ “ Southern United States	3
“ “ Mex., S. A., Virgin Is. and S. Fla	5

The remainder are distributed in various ways.

The 68 found in the Bahamas and the United States north of semi-tropical Florida are distributed as follows:—

U. S. and Bahamas	3
“ “ “ Cuba and Virgin Islands	9
“ “ “ “ Virgin Is. and Mex. or Cent. Am.	22
“ “ “ “ “ Mex. or Cent. Am. and S. A.	17
“ “ “ “ Mex. or Cent. Am. and S. A.	4

The remainder variously distributed.

Of the 68 common to the Bahamas and Southern U. S. 58 are found also in Cuba. The three confined to the Bahamas and U. S. are *Xanthium strumarium*, introduced from the old world, *Vitis rotundifolia* and *Distichlis spicata*. The *Vitis* may have been carried by birds. The *Distichlis* has a wide range in North America, but it is difficult to account for the isolated occurrence in Inagua.

A similar calculation has been made for the additional species found in Brace and Gardiner's List of the Plants of the Bahama Islands. These were not included in the tabulated statement as the distribution on the islands is not given and the distinction between cultivated and native or naturalized species is not always clear.

Total	175
Common to Bahamas and Cuba	129
" " " Virgin Islands	84
" " " Mexico or Central America	88
" " " South America	82
" " " South Florida	39
" " " Southern United States	17

All of the 17 extending into the Southern United States are found also in the tropics to the South.

EXPLANATION OF PLATES ILLUSTRATING WEST INDIAN PLANTS.

The figures were drawn, under supervision of the Director of the Garden, by Miss Grace E. Johnson.

Plate 11, *Pavonia Bahamenis*, Hitchc. — Portion of fruiting plant, reduced one-half; branch, natural size; and carpel, enlarged.

Plate 12, *Anastraphia paucifloscula*, Wright. — Portion of plant, reduced one-half; four leaves, natural size; a flower, two anthers and style enlarged.

Plate 13, *Euphorbia Blodgettii*, Engelm. — Habit, reduced one-half; part of plant, natural size; leaves, stipules, involucre and appendages, and seeds, enlarged.

Plate 14, *Eragrostis Bahamensis*, Hitchc. — Habit, reduced one-half; flowering portion, natural size; spikelet,and opened glume and palet, enlarged.

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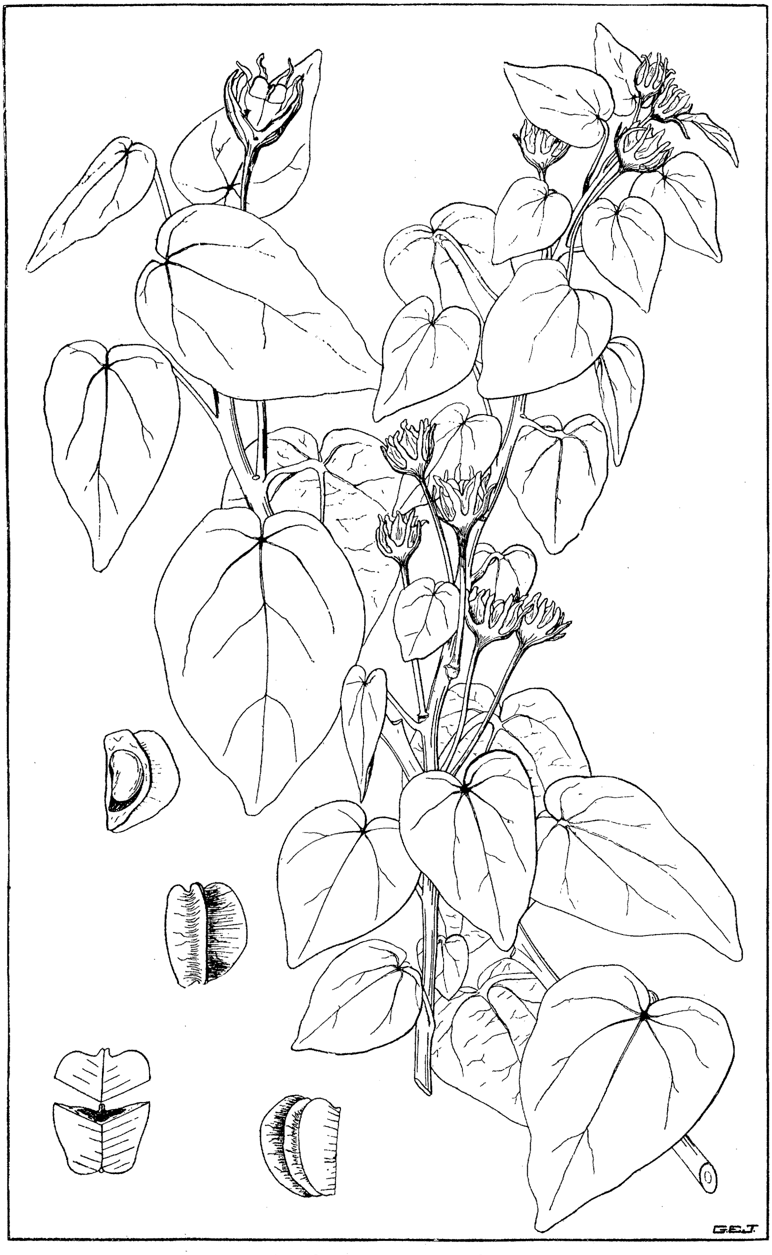
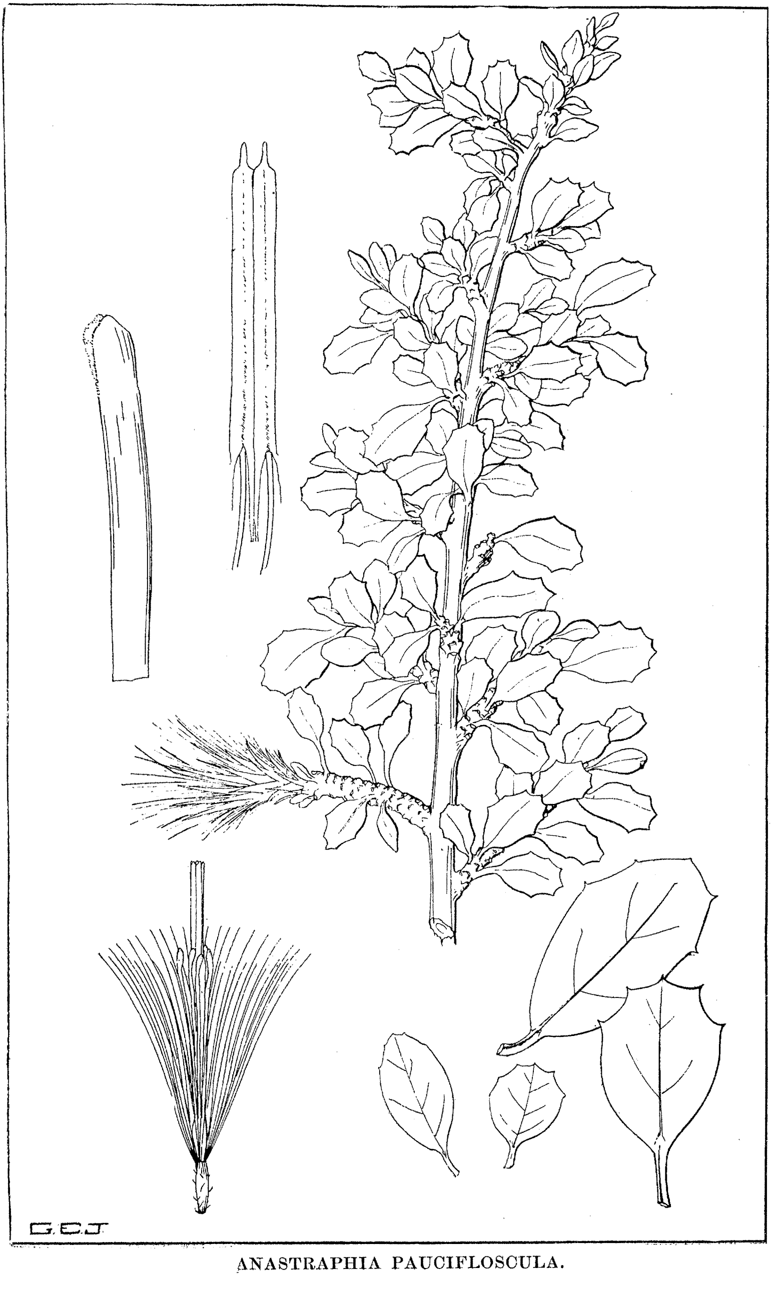
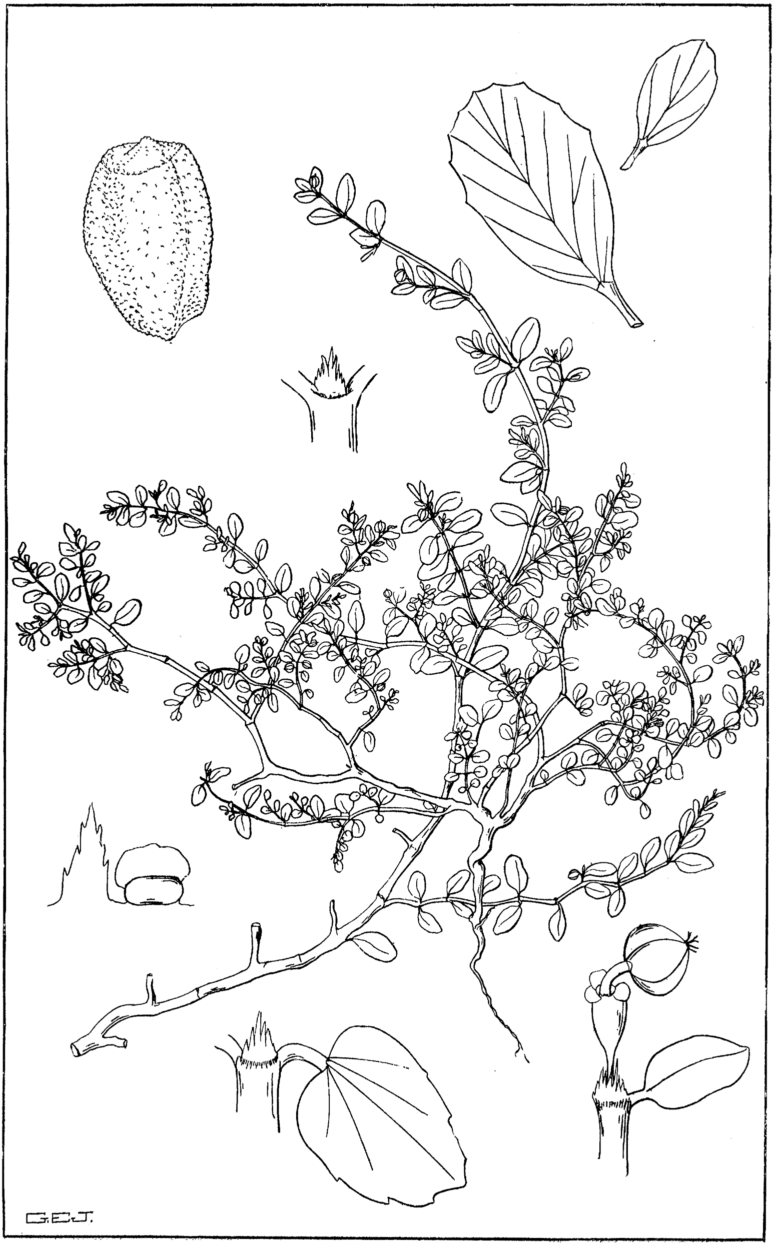


PAVONIA BAHAMENSIS.



ANASTRAPHIA PAUCIFLOSCULA.



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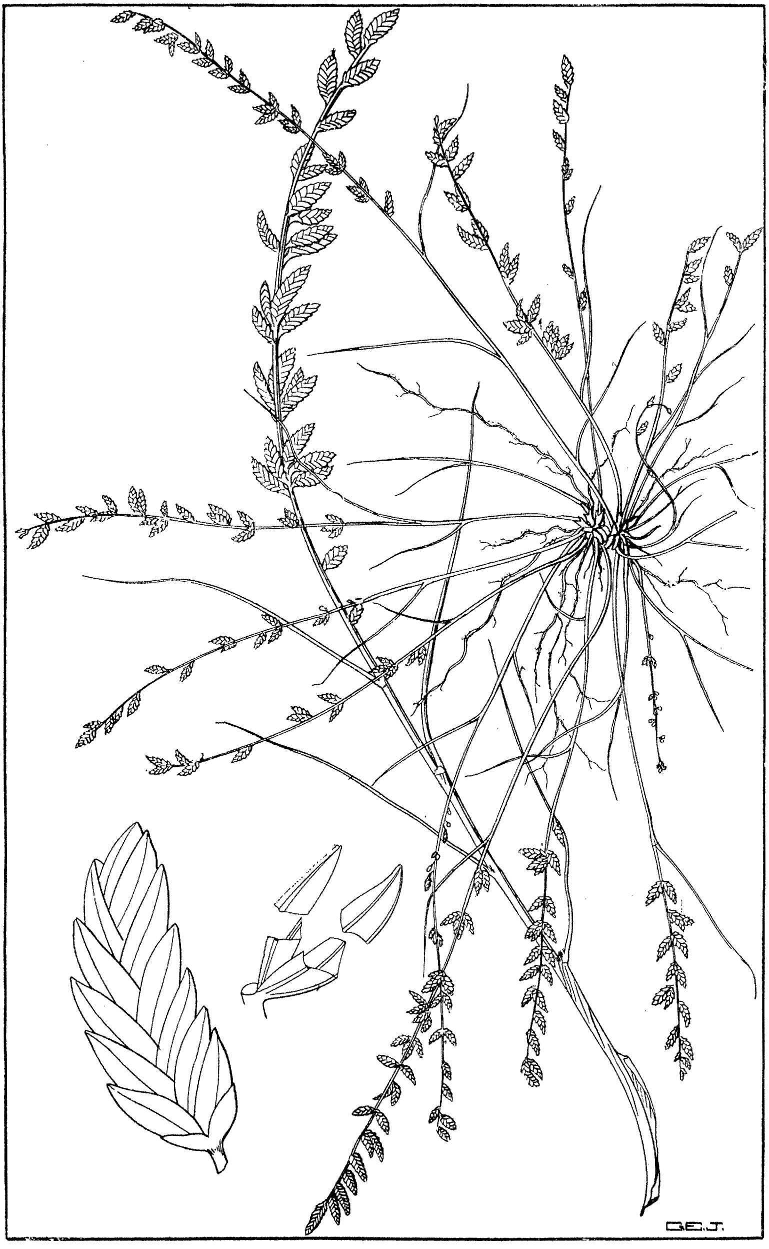

ERAGROSTIS BAHAMENSIS.